Pioneer sound.vision.soul

PLASMA DISPLAY SYSTEM
PLASMA DISPLAY SYSTEM
SISTEMA DE PANTALLA DE PLASMA
等離子顯示器系統

PDP-503HDG
PDP-433HDG

Operating Instructions
Manual de instruções
Manual de instrucciones
操作說明書

IMPORTANT

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated 'dangerous voltage' within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION:
TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: THE APPARATUS IS NOT WATERPROOFS, TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE AND DO NOT PUT ANY WATER SOURCE NEAR THIS APPARATUS, SUCH AS VASE, FLOWER POT, COSMETICS CONTAINER AND MEDICINE BOTTLE ETC.

WARNING: BEFORE PLUGGING IN THE UNIT FOR THE FIRST TIME, READ THE FOLLOWING SECTION CAREFULLY.
THE VOLTAGE OF THE AVAILABLE POWER SUPPLY DIFFERS ACCORDING TO COUNTRY OR REGION. BE SURE THAT THE POWER SUPPLY VOLTAGE OF THE AREA WHERE THIS UNIT WILL BE USED MEETS THE REQUIRED VOLTAGE (E.G. 230V OR 120V) WRITTEN ON THE REAR PANEL.

WARNING: THIS PRODUCT EQUIPPED WITH A THREE-WIRE GROUNDING (EARTHLING) TYPE PLUG. A PLUG HAVING A THIRD (GROUNDING, EARTHLING) PIN, IT WILL ONLY FIT INTO A GROUNDING (EARTHLING) TYPE POWER OUTLET. THIS IS A SAFETY FEATURE. IF YOU ARE UNABLE TO INSERT THE PLUG INTO THE OUTLET, CONTACT YOUR ELECTRICIAN TO REPLACE YOUR OBSOLETE OUTLET. DO NOT DEFEAT THE SAFETY PURPOSE OF THE GROUNDING (EARTHLING) TYPE PLUG.

WARNING: NO NAKED FLAME SOURCES SUCH AS LIGHTED CANDLE, SHOULD BE PLACED ON THE APPARATUS.
IF NAKED FLAME SOURCES ACCIDENTALLY FALL DOWN, FIRE SPREAD OVER THE APPARATUS THEN MAY CAUSE FIRE.

VENTILATION: WHEN INSTALLING THIS UNIT, MAKE SURE TO LEAVE SPACE AROUND THE UNIT FOR VENTILATION TO IMPROVE HEAT RADIATION (AT LEAST 50 CM AT TOP, 10 CM AT REAR, AND 10 CM AT EACH SIDE: FOR PLASMA DISPLAY.)

WARNING: SLOTS AND OPENINGS IN THE CABINET ARE PROVIDED FOR VENTILATION AND TO ENSURE RELIABLE OPERATION OF THE PRODUCT AND TO PROTECT IT FROM OVERHEATING, TO PREVENT FIRE HAZARD, THE OPENINGS SHOULD NEVER BE BLOCKED AND COVERED WITH ITEMS, SUCH AS NEWSPAPERS, TABLE-CLOTHS, CURTAINS, ETC. ALSO DO NOT PUT THE APPARATUS ON THE THICK CARPET, BED, SOFA, OR FABRIC HAVING A THICK PILE.

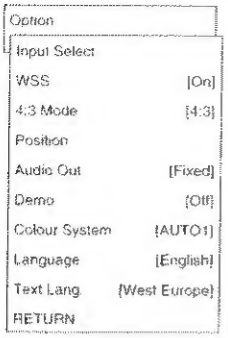
Errata Table

There was an error in these operating instructions. We apologize for this error and will correct it.

Page 19

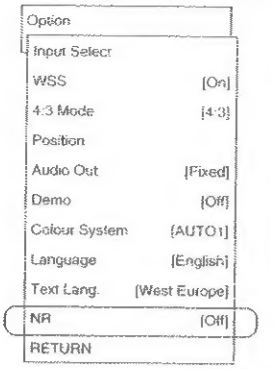
[Before correction]

Page 30,31,45,47,48,50,52



[After correction]

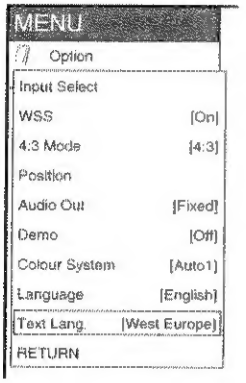
Page 30,31,45,47,48,50,52



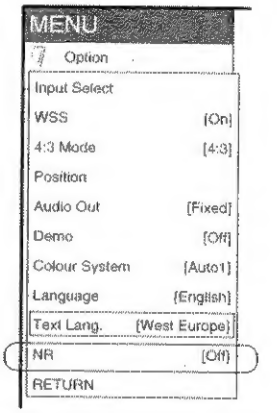
MENU	Description
NR	Reduces the noise of the picture

Page 31

[Before correction]



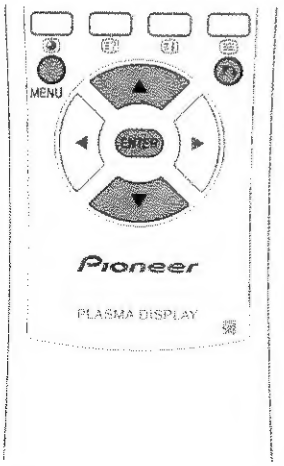
[After correction]

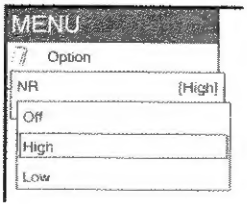


Page 33: PureCinema (We have added the following item to NOTE ▶)

- The video may look serrated when PureCinema is set to ON, but this is not malfunction. If you feel it offensive, please set PureCinema to OFF.

Supplementary item (We have added the following item to "Useful adjustment settings".)





Noise reduction (NR) (AV mode only)

The noise of the picture can be reduced by the NR function.

1. Press **MENU**.
2. Press ▲/▼ to select "Option", and then press **ENTER**.
3. Press ▲/▼ to select "NR", and then press **ENTER**.
4. Press ▲/▼ to select the desired level, and then press **ENTER**.
5. Press **MENU** to exit the menu.

NOTE ▶

- Return to the previous menu by pressing ↩.
- The NR setting functions during 480i, 580i, and 480p input. It cannot be selected during 1080i and 720p input.
- The NR setting is recorded for each INPUT SOURCE (TV, INPUT1 to 4).

Dear customer

Thank you for your purchase of the PIONEER product. To ensure safety and many years of trouble-free operat of your product, please read the Safety Precautions carefully before using this product.

Contents

Dear customer **1**
Contents **1**
Important User Guidance Information **2**
Safety precautions **3**
Features **4**
Supplied accessories **5**
Plasma Display 5
Media Receiver 5
Preparation **6**
Installing the Plasma Display 6
Setting the system 7
How to route cables 8
Using the remote control unit 9
Cautions regarding remote control unit 9
Inserting the batteries 9
Cautions regarding batteries 9
Part names **10**
Plasma Display 10
Media Receiver 11
Remote control unit 12
Watching TV **13**
Basic connection 13
Connecting to an antenna 13
Connecting to the power cord 13
Turning on the power 14
Turning off the power 14
Simple button operations for changing channels ... 15
Simple button operation for changing volume/sound 16
Basic adjustment settings **19**
AV mode menu items 19
PC mode menu items 20
Moving the picture on the screen 21
Programme setup 22
Auto search 22
Programme auto search 22
Auto labelling 22
Auto sorting 23
Manual setting for each channel 24
Additional channels entry 24
Search tuning 25
Fine tuning 26
Colour system 26
Sound system 27
Labelling channels 27
Skipping channels 27
Setting the child lock 28
Sort 29
Language setting 30
Teletext Language Setting 31
Picture adjustments .....
Colour temperature .....
PureCinema .....
Black .....
Black & White .....
Sound adjustment .....
Power control .....
Power control for AV source .....
Power control for PC source .....
Using external equipment .....
Watching a DVD image .....
Connecting a DVD player .....
Displaying a DVD image .....
Watching a VCR image .....
Connecting a VCR .....
Displaying a VCR image .....
Watching broadcasts via a Digital tuner .....
Connecting a Digital tuner .....
Displaying broadcasts via a Digital tuner .....
Enjoying a game console or viewing camcorder images .....
Connecting a game console or camcorder .....
Displaying an image of the game console or camcorder .....
Viewing an image from a computer .....
Connecting a computer .....
Displaying an image from a computer .....
Control cord connection .....
Useful adjustment settings .....
Image position (AV mode only) .....
Auto Sync. adjustment (PC mode only) .....
Fine Sync. adjustment (PC mode only) .....
Input signal source .....
Colour system setting (AV mode only) .....
AV SELECTION .....
WIDE mode (for AV mode) .....
Wide screen signalling (WSS) (AV mode only) .....
Picture aspect ratio (AV mode only) .....
WIDE mode (for PC mode) .....
Audio out .....
Sleep timer .....
Password setting for Child lock (AV mode only) .....
Useful features .....
Multiscreen functions .....
Teletext function .....
Appendix .....
Troubleshooting .....
Computer compatibility chart .....
Specifications .....

Important User Guidance Information

In order to obtain maximum enjoyment from this Pioneer PureVision PDP-503HDG/PDP-433HDG Plasma Display System, please first read this information carefully.

With the Pioneer PureVision PDP-503HDG/PDP-433HDG, you can be assured of a high quality Plasma Display System with long-life and high reliability. To achieve images of exceptional quality, this Pioneer Plasma Display System incorporates state-of-the-art design and construction, as well as very precise and highly advanced technology. On a total of nearly 3 million light cells, more than 99.999 percent of the cells remain active.

Over the course of its lifetime, the luminosity of the Pioneer PDP-503HDG/PDP-433HDG Plasma Display System will diminish very slowly, such as with all phosphor-based screens (for example, a traditional tube-type television). To enjoy beautiful and bright images on your Pioneer Plasma Display System for a long time, please carefully read and follow the usage guidances below:

Usage guidelines

All phosphor-based screens (including conventional tube-type televisions) can be affected by displaying static images for a prolonged period. Plasma Display System's are no exception to this rule. After-image and permanent effects on the screen can be avoided by taking some basic precautions. By following the recommendations listed below, you can ensure longer and satisfactory results from your plasma:

- Whenever possible, avoid frequently displaying the same image or virtually still moving pictures (e.g. closed-captioned images or video game images which have static portions).
- Do not display Teletext for a prolonged period of time.
- Avoid viewing the On Screen Display for extended periods, from a Digital Tuner, DVD player, VCR and all other components.
- Do not leave the same picture freeze-framed or paused continuously over a long period of time, when using the still picture mode from a TV, VCR, DVD player or any other component.
- Images which have both very bright areas and very dark areas side by side should not be displayed for a prolonged period of time.
- When playing a game, the "GAME" mode setting within "AV SELECTION" is strongly recommended. However, please limit its use to less than 2 hours at a time.
- After playing a game, or displaying a PC image or any still image, it is best to view a normal moving picture in the "Wide" or "Full" screen setting for more than 3 times the length of the previous still moving image.
- After using the Plasma Display System, always switch the display to "STAND BY" mode.

Installation guidelines

The Pioneer PureVision PDP-503HDG/PDP-433HDG Plasma Display System incorporates a very thin design. To ensure safety, please take the proper measures to mount or install the Plasma Display, in order to prevent the unit from tipping over in the event of vibration or accidental movement.

This product should be installed by using only parts and accessories designed by PIONEER. Use of accessories other than the PIONEER stand or installation bracket may result in instability, and could cause injury. For custom installation, please consult the dealer where the unit was purchased. To ensure correct installation, experienced and qualified experts must install the unit. PIONEER will not be held responsible for accident or damage caused by the use of parts and accessories manufactured by other companies.

To avoid malfunction and overheating, make sure that the vents on the main unit are not blocked when installing to ensure proper heat emission:

- Distance the unit slightly from other equipment, walls, etc. (more than 10 cm)
- Do not fit the unit inside narrow spaces where ventilation is poor.
- Do not cover with a cloth, etc.
- Clean the vents on the sides and rear of the unit to remove dust build-up, by using a vacuum cleaner set to its lowest suction setting.

Using the unit without proper ventilation may cause the internal temperature to rise, and could result in possible malfunction. When the surrounding or internal temperature exceeds a certain degree, the display will automatically power off in order to cool the internal electronics and prevent hazardous occurrences.

Any malfunction may occur due to: an inappropriate installation site, improper assembly, installation, mounting, or operation of this product, modifications made to the product. However, PIONEER cannot be held responsible for such accidents or malfunction.

NOTE

Typical effects and characteristics of a phosphor-based matrix display, e.g. permanent residual images upon the phosphor of the panel, and the existence of a minute number of inactive light cells in the screen, are not covered by local warranties.

Safety precautions

Electricity is used to perform many useful functions, but it can also cause personal injuries and property damage if improperly handled. This product has been engineered and manufactured with the highest priority on safety. However, improper use can result in electric shock and/or fire. In order to prevent potential danger, please observe the following instructions when installing, operating and cleaning the product. To ensure your safety and prolong the service life of your product, please read the following precautions carefully before using the product.

1. Read instructions—All operating instructions must be read and understood before the product is operated.
2. Keep this manual in a safe place—These safety and operating instructions must be kept in a safe place for future reference.
3. Observe warnings—All warnings on the product and in the instructions must be observed closely.
4. Follow instructions—All operating instructions must be followed.
5. Cleaning—Unplug the power cord from the AC outlet before cleaning the product. Use a damp cloth to clean the product. Do not use liquid cleaners or aerosol cleaners.
6. Attachments—Do not use attachments not recommended by the manufacturer. Use of inadequate attachments can result in accidents.
7. Water and moisture—Do not use the product near water, such as bathtub, washbasin, kitchen sink and laundry tub, swimming pool and in a wet basement.
8. Stand—Do not place the product on an unstable cart, stand, tripod or table. Placing the product on an unstable base can cause the product to fall, resulting in serious personal injuries as well as damage to the product. Use only a cart, stand, tripod, bracket or table recommended by the manufacturer or sold with the product. When mounting the product on a wall, be sure to follow the manufacturer's instructions. Use only the mounting hardware recommended by the manufacturer.
9. When relocating the product placed on a cart, it must be moved with utmost care. Sudden stops, excessive force and uneven floor surface can cause the product to fall from the cart.

10. Ventilation—The vents and other openings in the cabinet are designed for ventilation. Do not cover or block these vents and openings since insufficient ventilation can cause overheating and/or shorten the life of the product. Do not place the product on a bed, sofa, rug or other similar surface, since they can block ventilation openings. This product is not designed for built-in installation; do not place the product in an enclosed place such as a bookcase or rack, unless proper ventilation is provided or the manufacturer's instructions are followed.
11. Power source—This product must operate on a power source specified on the specification label. If you are not sure of the type of power supply used in your home, consult your dealer or local power company.
12. Power cord protection—The power cords must be routed properly to prevent people from stepping on them or objects from resting on them. Check the cords at the plugs and product.
13. The plasma Display used in this product is made of glass. Therefore, it can break when the product is dropped or applied with impact. Be careful not to be injured by broken glass pieces in case the plasma Display breaks.
14. Overloading—Do not overload AC outlets or extension cords. Overloading can cause fire or electric shock.
15. Entering of objects and liquids—Never insert an object into the product through vents or openings. High voltage flows in the product, and inserting an object can cause electric shock and/or short internal parts. For the same reason, do not spill water or liquid on the product.
16. Servicing—Do not attempt to service the product yourself. Removing covers can expose you to high voltage and other dangerous conditions. Request a qualified service person to perform servicing.
17. Repair—If any of the following conditions occurs, unplug the power cord from the AC outlet, and request a qualified service person to perform repairs.
    a. When the power cord or plug is damaged.
    b. When a liquid was spilled on the product or when objects have fallen into the product.
    c. When the product has been exposed to rain or water.
    d. When the product does not operate properly as described in the operating instructions.
       Do not touch the controls other than those described in the operating instructions. Improper adjustment of controls not described in the instructions can cause damage, which often requires extensive adjustment work by a qualified technician.
    e. When the product has been dropped or damaged.
    f. When the product displays an abnormal condition. Any noticeable abnormality in the product indicates that the product needs servicing.
18. Replacement parts—In case the product needs replacement parts, make sure that the service person uses replacement parts specified by the manufacturer, or those with the same characteristics and performance as the original parts. Use of unauthorized parts can result in fire, electric shock and/or other danger.
19. Safety checks—Upon completion of service or repair work, request the service technician to perform safety checks to ensure that the product is in proper operating condition.
20. Wall or ceiling mounting—When mounting the product on a wall or ceiling, be sure to install the product according to the method recommended by the manufacturer.
21. Heat sources—Keep the product away from heat sources such as radiators, heaters, stoves and other heat- generating products (including amplifiers).
22. Unplug the power cord from the AC outlet before installing the speakers.

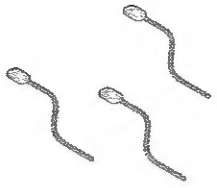
Features

- Newly developed WIDE XGA Plasma Panel
  (H:1280 × V:768 pixels, PDP-503HDG)
  (H:1024 × V:768 pixels, PDP-433HDG)
- Wide Viewing Angle
- NICAM/A2/MTS/SAP Stereo Sound
- SRS, FOCUS Sound System*1
- Multi-System TV Tuner
- Built-in TELETEXT Function (TOP/FLOF/FASTEXT)
- Picture and Picture. Still Image function.
- 4-Language On Screen Display
- 4 Video Input terminals and PC (XGA) Input
- Component video terminal
- Child Lock System
- Power-Saving Design

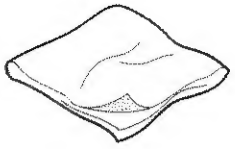
Supplied accessories

Plasma Display

Three speed clamps

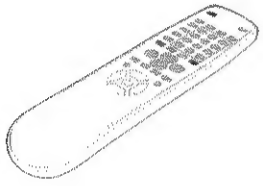


Three bead bands

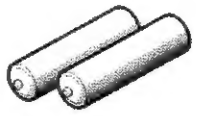


Cleaning cloth

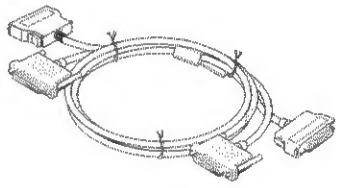
Media Receiver



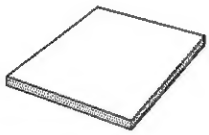
Remote control unit



Two AA size batteries
(Alkaline battery)



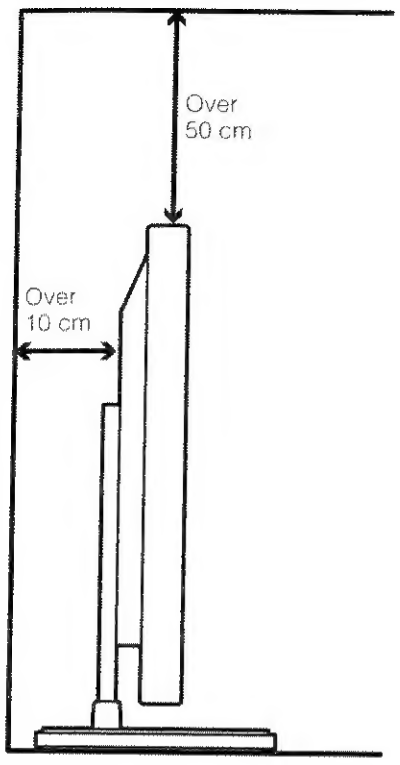
System cable



Operating instruction

Preparation

Installing the Plasma Display



Locating

- Avoid the direct sunlight. Keep enough ventilation.
- The length of the system cable used to connect the Plasma Display and the Media Receiver is about 3 m.
- Because the Plasma Display is heavy, be sure to move it by more than two persons.

⚠ CAUTION

- Do not place anything on the Media Receiver. Otherwise, the Media Receiver does not receive enough ventilation, and does not operate properly.

NOTE

- When installing, keep enough space around the upper part and the back part, in order that ventilation around back part is secured.

Using the optional PIONEER stand

- For details concerning installation, please refer to the instruction manual provided with the stand.

Using the optional PIONEER speakers

- For details concerning installation, please refer to the instruction manual provided with the speaker.

⚠ CAUTION

Operating Environment

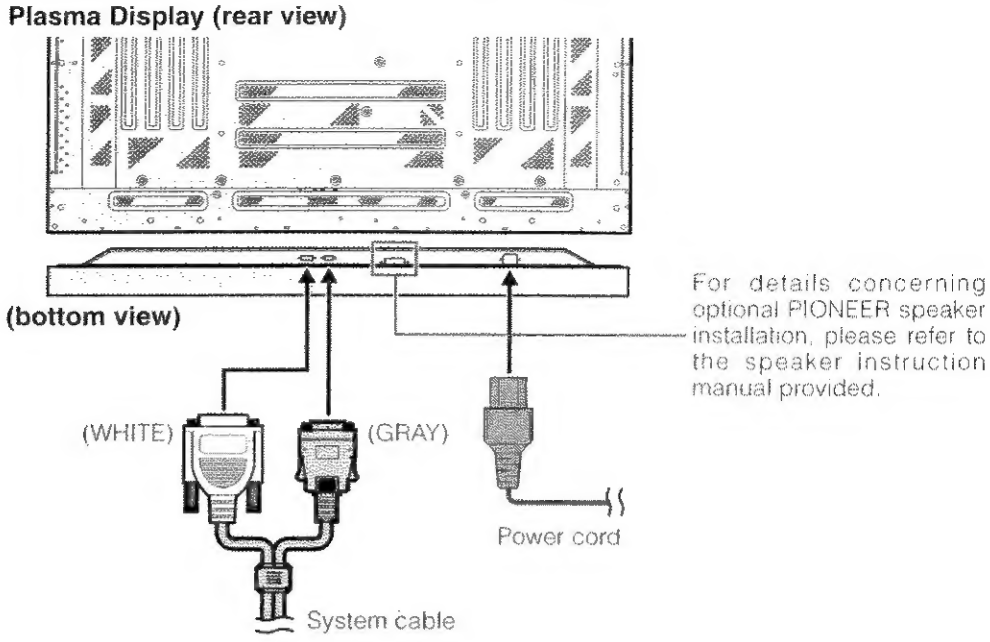
Operating environment temperature and humidity: +0°C–+40°C (+32°F–+104°F); less than 20–80%RH (cooling vents not blocked)

Avoid installing in the following locations:

- Under direct exposure to sunlight,
- Under strong artificial light,
- In high humidity,
- Poorly ventilated.

Setting the system

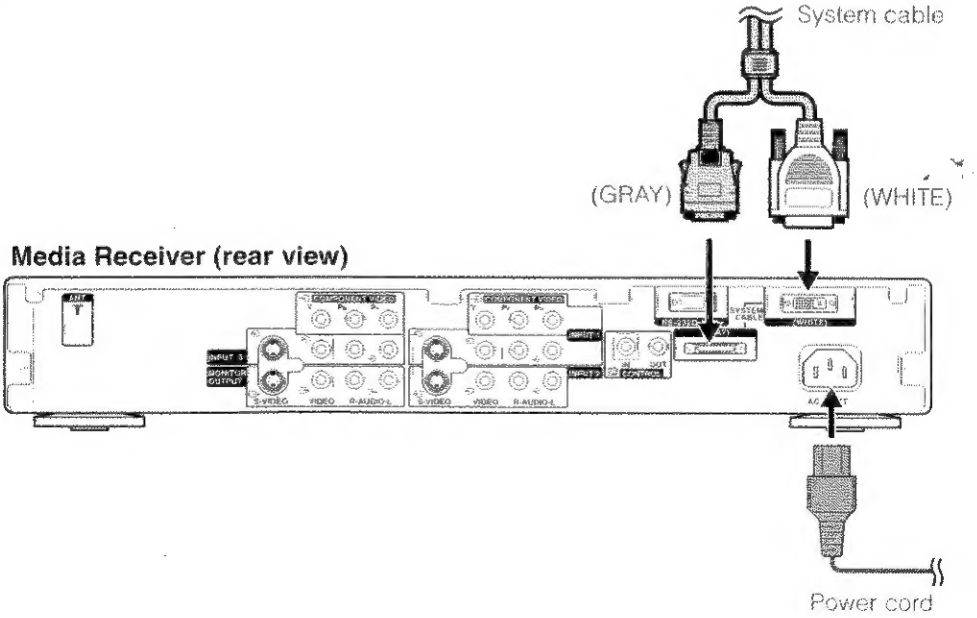
1. Connecting the system cable and the power cord to the Plasma Display



⚠ CAUTION

- **THESE SPEAKER TERMINALS CAN BE UNDER HAZARDOUS VOLTAGE WHEN YOU CONNECT OR DISCONNECT THE SPEAKER CABLES. TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT TOUCH UNINSULATED PARTS BEFORE DISCONNECTING THE POWER CORD.**

2. Connecting the system cable and the power cord to the Media Receiver

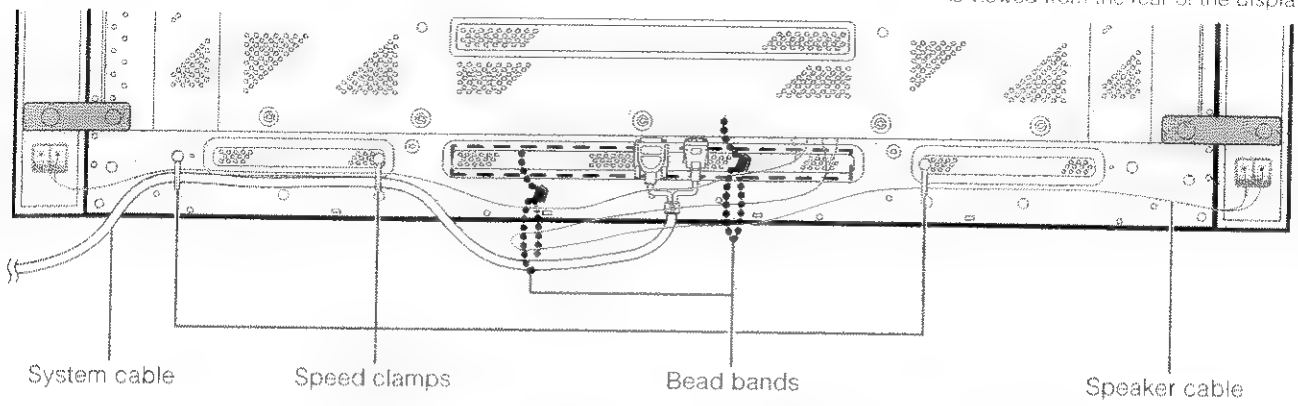


How to route cables

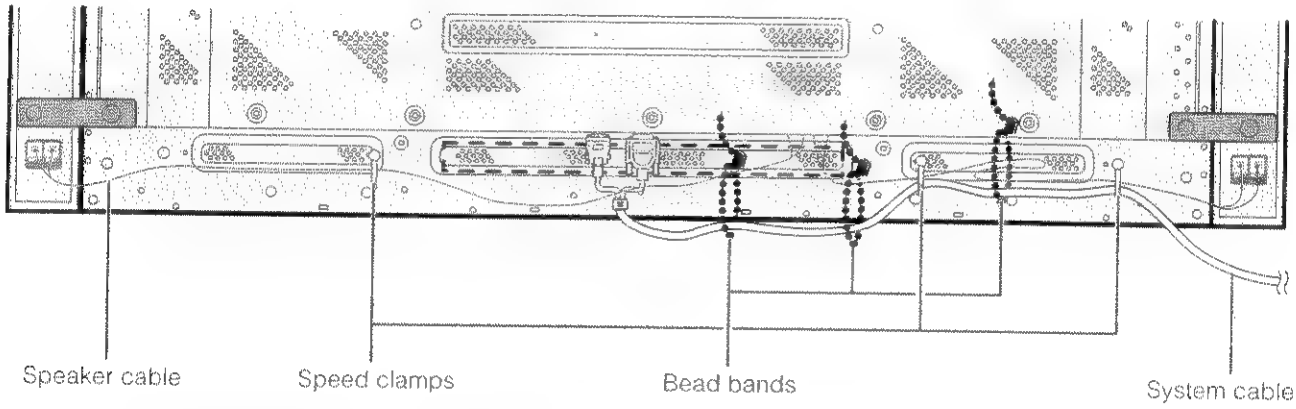
Speed clamps and bead bands are included with this System for bunching cables. Once properly bunched, follow the steps below to route the cables.

To the left

As viewed from the rear of the display.



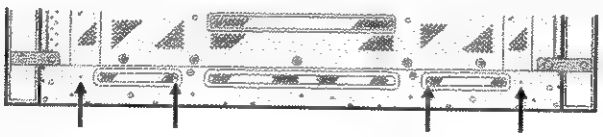
To the right



Bunch cables using provided speed clamps

Attaching speed clamps to the main unit

Connect the speed clamps using the 4 holes marked with • below, depending on your routing system.



Attaching and Removing speed clamps

Insert ① into an appropriate hole on the rear of the Plasma Display and snap ② into the back of ① to fix the clamp.

Speed clamps are designed to be difficult to undo once in place. Please attach carefully.

Use pliers to twist the clamp 90°, pulling outward. The clamp may deteriorate over time and become damaged if removed.

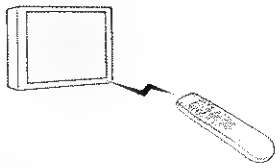
Gather cables into a bunch, secure with provided bead bands

NOTE

- Cables can be routed to the right or left.

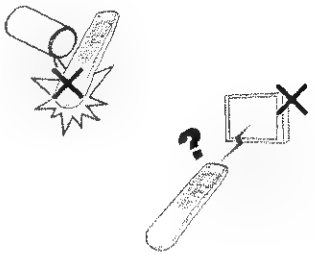
Using the remote control unit

Use the remote control unit by pointing it towards the remote sensor window. Objects between the remote control unit and sensor window may prevent proper operation.



Cautions regarding remote control unit

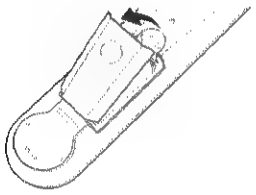
- Do not expose the remote control unit to shock. In addition, do not expose the remote control unit to liquids, and do not place in an area with high humidity.
- Do not install or place the remote control unit under direct sunlight. The heat may cause deformation of the unit.
- The remote control unit may not work properly if the remote sensor window of the Plasma Display is under direct sunlight or strong lighting. In such case, change the angle of the lighting or Plasma Display set, or operate the remote control unit closer to the remote sensor window.



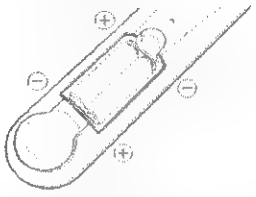
Inserting the batteries

If the remote control unit fails to operate Plasma Display System functions, replace the batteries in the remote control unit.

1 Open the battery cover.

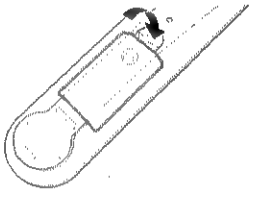


2 Insert batteries (two AA size batteries, supplied with product).



- Place batteries with their terminals corresponding to the (+) and (−) indicators in the battery compartment.

3 Close the battery cover.



Cautions regarding batteries

Improper use of batteries can result in chemical leakage or explosion. Be sure to follow the instructions below.

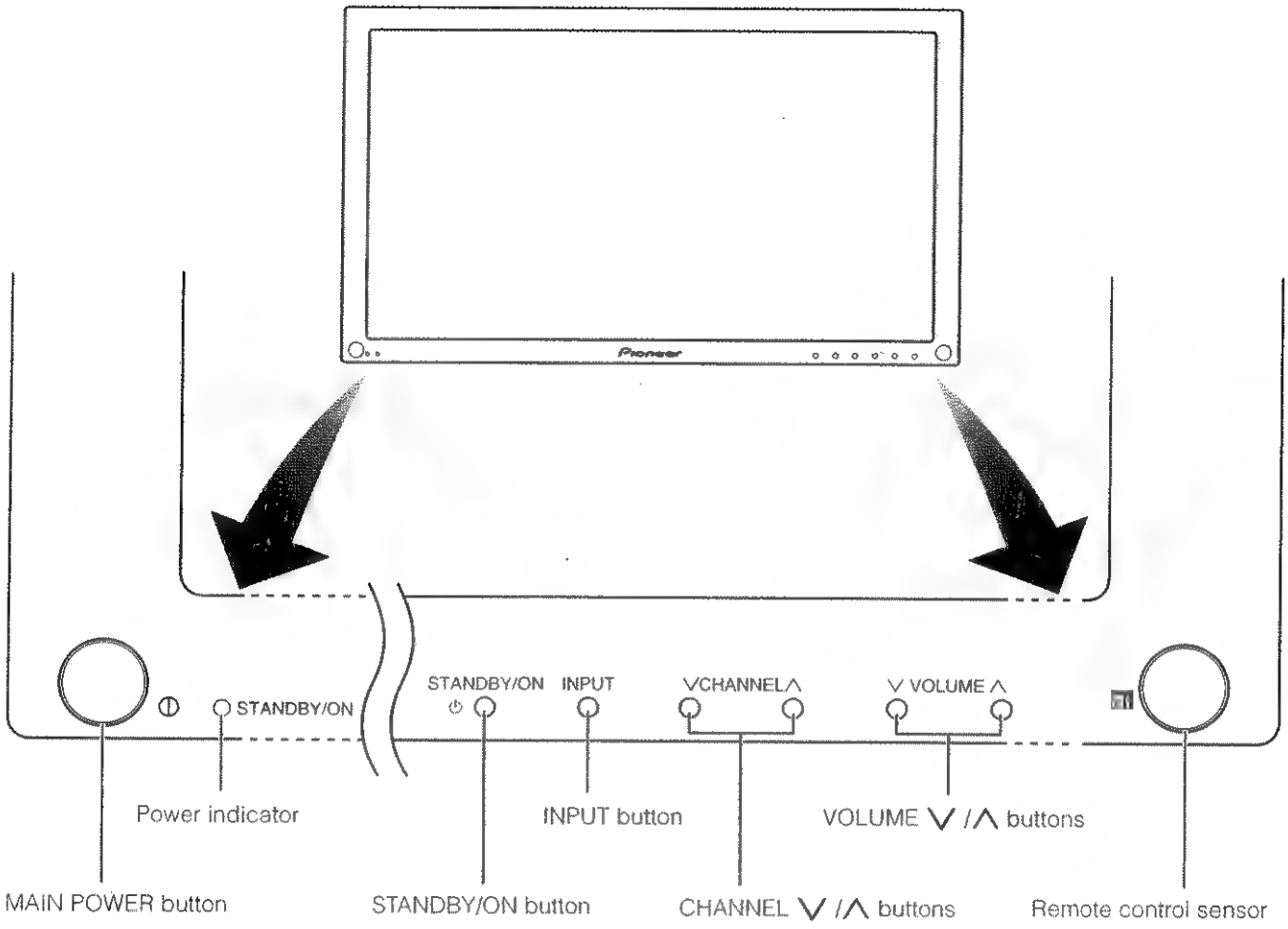
- Do not use manganese batteries. When you replace the batteries, use alkaline ones.
- Place the batteries with their terminals corresponding to the (+) and (−) indicators.
- Do not mix batteries of different types. Different types of batteries have different characteristics.
- Do not mix old and new batteries. Mixing old and new batteries can shorten the life of new batteries or cause chemical leakage in old batteries.
- Remove batteries as soon as they have worn out. Chemicals that leak from batteries can cause a rash. If you find any chemical leakage, wipe thoroughly with a cloth.
- The batteries supplied with this product may have a shorter life expectancy due to storage conditions.
- If you used the remote control unit for an extended period of time, remove the batteries from it.

⚠ CAUTION

- **WHEN DISPOSING OF USED BATTERIES, PLEASE COMPLY WITH GOVERNMENTAL REGULATIONS OR ENVIRONMENTAL PUBLIC INSTRUCTION'S RULES THAT APPLY IN YOUR COUNTRY/AREA.**

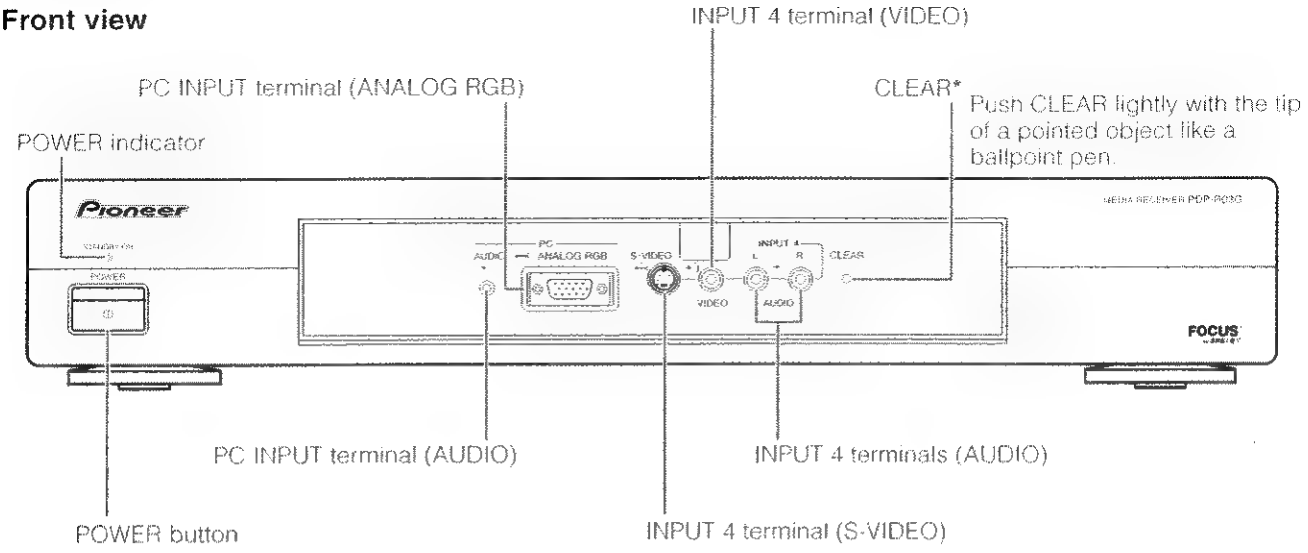
Part names

Plasma Display



Media Receiver

Front view

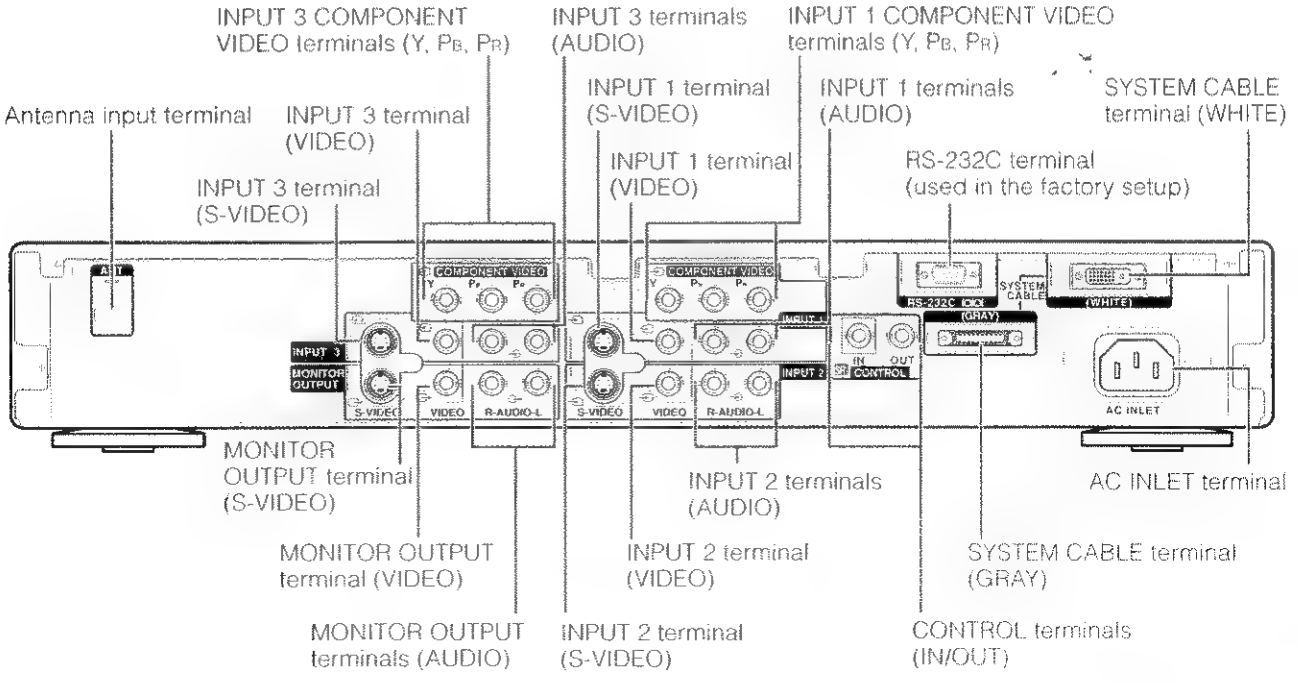


* If you're having problems operating the Media Receiver and want to return to normal screen, even when it stays on (the indicator lights green), press **CLEAR** on the Media Receiver. Pressing **CLEAR** resets the System as shown below.
  - AV SELECTION resets to STANDARD
  - TV channel reset to channel 1
  - Multiscreen resets to normal
  - Audio setting initializes
  - SRS resets to Off
  - Image position initializes

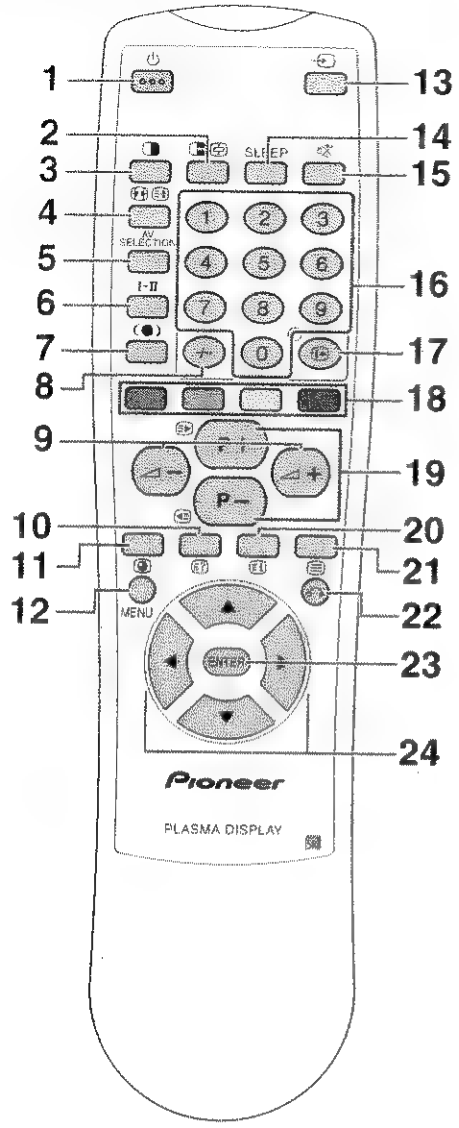
NOTE

- Pressing **CLEAR** will not work if the System is in standby mode but the indicator lights red.
- Pressing **CLEAR** will not delete channel preset or password. See Page 53 when you know your password. See Page 61 for initializing factory preset values when you have forgotten your password.

Rear view



Remote control unit



NOTE

- When using the remote control unit, point it at the Plasma Display.

1 ⏻
Switch off the power.

2
TV/External input mode: Change the still image mode.
TELETEXT mode: Freeze a multi-page on screen while other pages are automatically updated.
Press again to return to the normal image.

3
Set the dual picture mode. Press again to return to normal view.

4
TV/External input mode: Change the wide image mode.
TELETEXT mode: Set the area of magnification.
(full/upper half/lower half)

5 **AV SELECTION**
Select an audio or video setting.
AV MODE: STANDARD, DYNAMIC, MOVIE, GAME, USER.
PC MODE: STANDARD, USER.

6 **I-II**
Set the sound multiplex mode.

7 **(●)**
Set SRS and FOCUS Sound System.

8 **-/--**
Select the two digit mode.

9 **VOL –/VOL +**
Set the volume.

10
TELETEXT mode: Display hidden characters.

11
TELETEXT mode: Change the picture mode for sub-page selecting.

12 **MENU**
Display the Menu screen.

13
Select an input source.
(TV, INPUT 1, INPUT 2, INPUT 3, INPUT 4, PC)

14 **SLEEP**
Set the OFF timer.

15
Mute the sound.

16 **0 – 9**
Switch on the power.
TV/External input mode: Set the channel.
TELETEXT mode: Set the page.

17
Display the channel information.

18 **Colour (RED/GREEN/YELLOW/BLUE)**
TELETEXT mode: Select a page.

19 **(P+/P–)**
TV/External input mode: Select the channel.
TELETEXT mode: Set the page.

20
TELETEXT mode: Display an index page for CEEFAX/FLOF information. TOP Overview for TOP programme.

21
Select the TELETEXT mode.
(all TV image, all TEXT image, TV/TEXT image)

22
MENU mode: Return to the previous menu screen.

23 **ENTER**
Execute a command.

24 **▲/▼/◀/▶**
Select a desired item on the setting screen.
Move the picture on the screen.

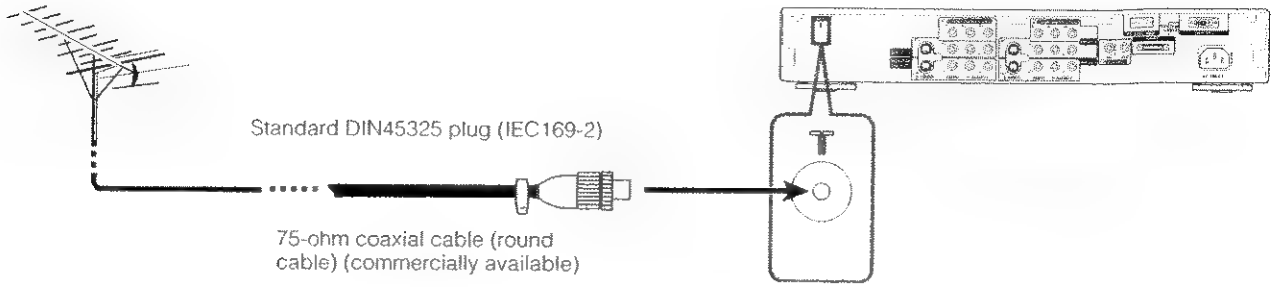
Watching TV

Simple operations for watching a TV programme

Basic connection

Connecting to an antenna

To enjoy a clearer picture, use an outdoor antenna. The following is a brief explanation of the types of connections that are used for coaxial cable.

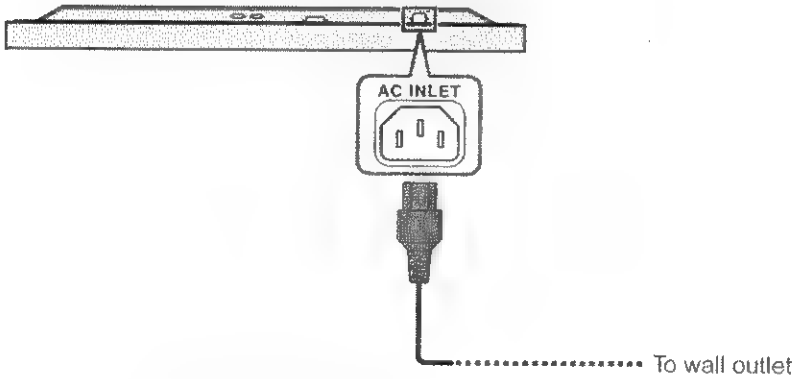


Antenna cables-commercially available

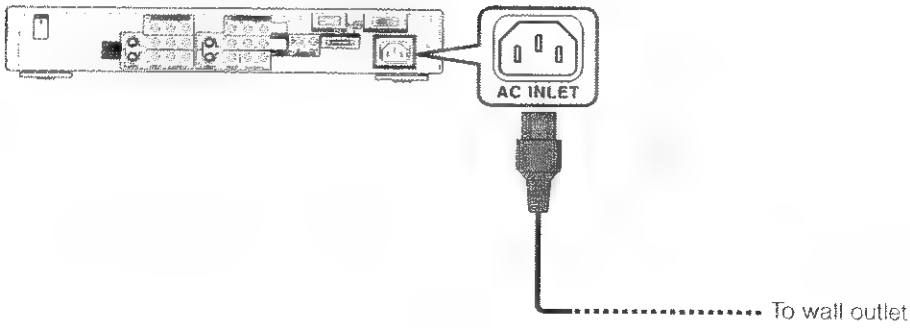
If your outdoor antenna uses a 75-ohm coaxial cable with a standard DIN45325 plug (IEC 169-2), plug it into the antenna terminal at the rear of the Media Receiver.

Connecting to the power cord

Plasma Display (bottom view)



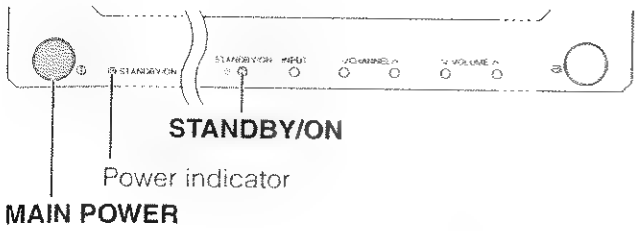
Media Receiver (rear view)



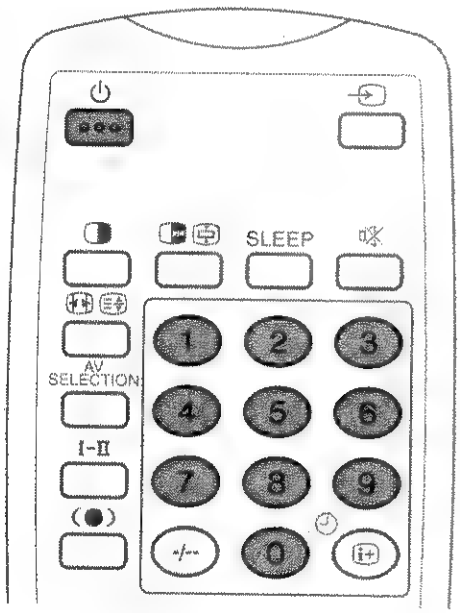
NOTE

- Always turn off the main power of Plasma Display and Media Receiver when connecting the power cords.
- Disconnect the power cord from the power outlet, Plasma Display and Media Receiver when the System is not going to be used long period of time.

Plasma Display



Media Receiver



Turning on the power

1 Press **MAIN POWER** on the Plasma Display.
- The power indicator on the Plasma Display flashes red.

2 Press **POWER** on the Media Receiver.
- The System turns the power on.
- The power indicator on the Plasma Display lights up green and the one on the Media Receiver lights up green.
- If the power indicators still light up red, press any button from **0** to **9** on the remote control unit or **STANDBY/ON** on the Plasma Display to turn the System on.

When turning the Media Receiver on first

1 Press **POWER** on the Media Receiver.
- The power indicator on the Media Receiver lights up red.

2 Press **MAIN POWER** on the Plasma Display.
- The System turns the power on.
- The power indicator on the Plasma Display lights up green and the one on the Media Receiver lights up green.
- If the power indicators still light up red, press any button from **0** to **9** on the remote control unit or **STANDBY/ON** on the Plasma Display to turn the System on.

NOTE
- In this manual, "System" means the Plasma Display Panel and Media Receiver.

Turning off the power

1 Press ⏻ on the remote control unit or **STANDBY/ON** on the Plasma Display.
- The System enters standby mode and the image on the screen disappears.
- Both power indicators change from green to red.

2 Press **POWER** on the Media Receiver.
- The power indicator on the Media Receiver turns off and the one on the Plasma Display flashes red.

3 Press **MAIN POWER** on the Plasma Display.
- The power indicator on the Plasma Display turns off after approximately 5 seconds.

NOTE
- If you are not going to use this System for a long time, be sure to remove the power cord from the power outlet.

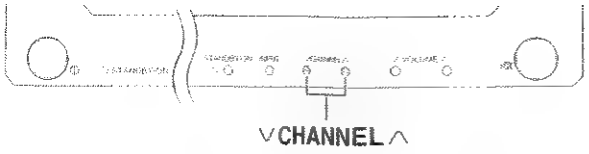
Plasma Display status indicators

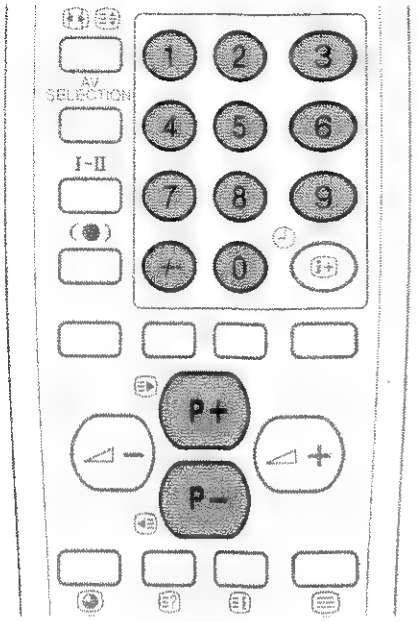
Off	Power off
Flashing red	Media Receiver does not turn on or its power cord is disconnected.
Red	The Plasma Display System is in standby mode.
Green	The Plasma Display System turns the power on.

Media Receiver status indicators

Off	Power off
Red	Only the Media Receiver is in standby mode or the Plasma Display System is in standby mode.
Green	The Plasma Display System turns the power on.

Plasma Display





Simple button operations for changing channels

Using P+/− on the remote control unit

- Press **P+** to increase channel number.
- Press **P−** to decrease channel number.

When viewing the Teletext information

- Press **P+** to increase the page number.
- Press **P−** to decrease the page number.

NOTE

- **CHANNEL∨/∧** on the Plasma Display operates the same as **P−/+**.

Channel display
(The image displays sample.)

Using 0 – 9 on the remote control unit

Select the channels directly by pressing buttons **0** to **9**.

EXAMPLE

- To select channel 2, a 1-digit channel, press **2**.
- To select channel 12, a 2-digit channel, press **-/--** to select 2-digit input. Then press **1**, followed by **2**.

When viewing Teletext information

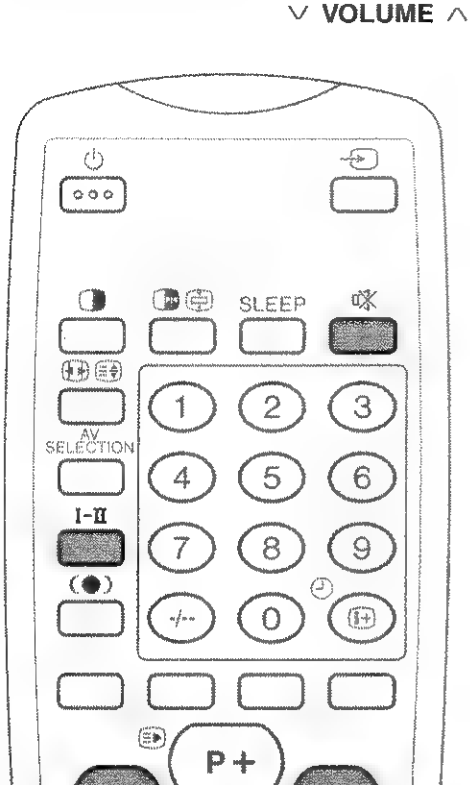
View a page directly which is 3-digit page number from 100 to 899 by pressing buttons **0** to **9**. With Teletext, do not use **-/--**. See page 56.

NOTE

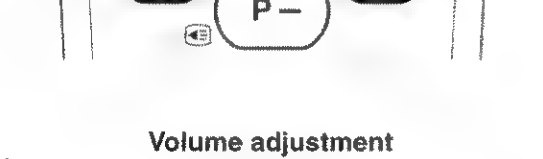
- The selected channel such as "12" has been displayed. With Teletext, the page number displays continuously.
- In the standby mode, when you press **0**, the power turns on and the on-screen image comes from the INPUT 1 source. Or, when you press any button from **1** to **9**, a TV image displays.

Plasma Display

∨ VOLUME ∧



Volume adjustment



Mute

Simple button operation for changing volume/sound

Using ◿ +/– on the remote control unit

- To increase the volume, press ◿ +.
- To decrease the volume, press ◿ –.

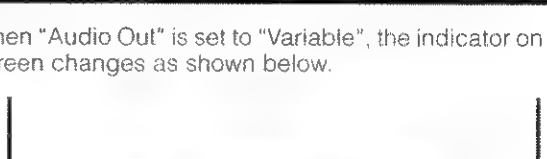
NOTE

- **VOLUME** ∨/∧ on the Plasma Display operates the same as ◿ –/+.

Audio status

Output device	Audio out	
	Fixed	Variable
Speaker	Variable sound	Mute
MONITOR OUT	Constant as specified	Variable sound

* When "Audio Out" is set to "Variable", the indicator on the screen changes as shown below.



NOTE

- See page 52 for details on the audio out function.

Using 🔇 on the remote control unit

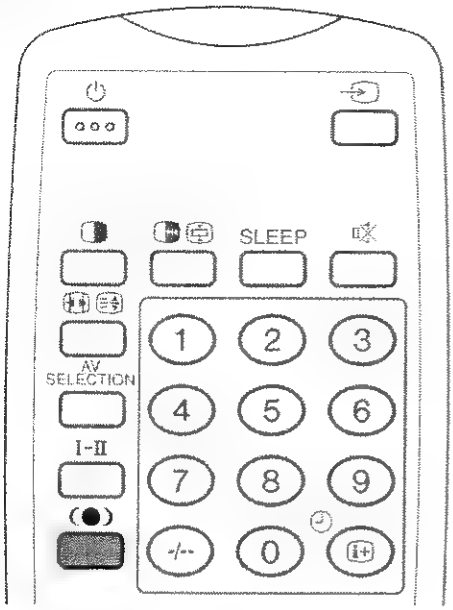
🔇 mutes the current sound output.

1 Press 🔇.

- "🔇" has been displayed on the screen for 8 minutes, and the sound is silenced.
- The System does not suddenly output loud sound as the volume level is set to 0.

2 Press 🔇 again to cancel the mute.

- Pressing ◿ +/– and I-II can also cancel the mute.

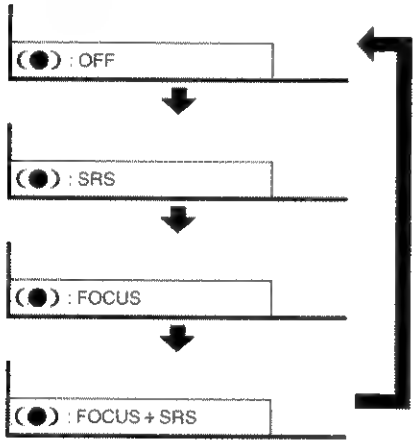


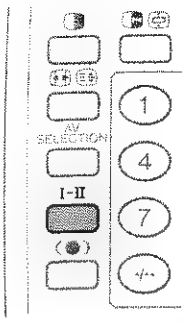
Using (●) on the remote control unit

(●) produces SRS, FOCUS effect from the speakers. Each time you press (●), the mode changes among SRS, FOCUS, FOCUS + SRS and OFF.

SRS sound options

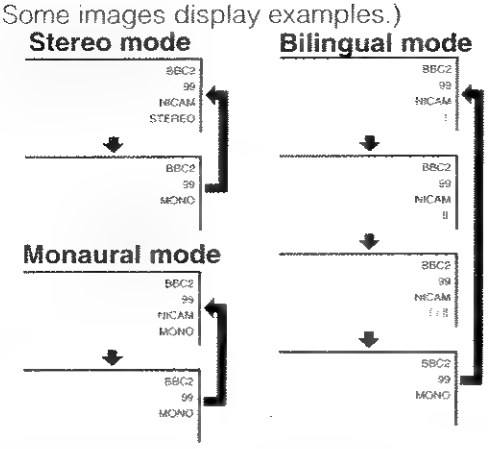
- SRS (Sound Retrieval System): Creates more a natural sound retrieving the spatial information from any stereo recording and restoring the original three-dimensional sound field.
- FOCUS: Repositions a sound image from two speakers to a more optimal listening position or height without moving them.
- FOCUS + SRS: Produces both SRS and FOCUS effects.
- OFF: Outputs the normal sound.





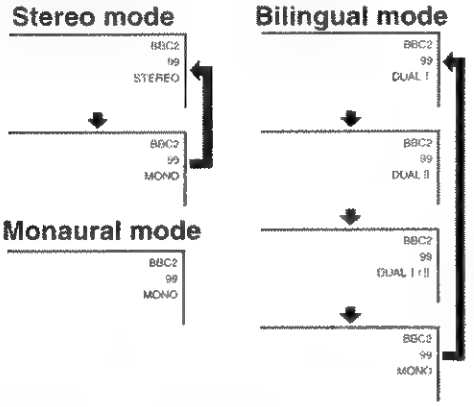
NICAM broadcasts

(Some images display examples.)



A2 broadcasts

(Some images display examples.)



Using I-II on the remote control unit

NICAM TV broadcasts

When receiving a stereo signal

Each time you press I-II, the mode switches between NICAM STEREO and MONO.

When receiving a bilingual signal

Each time you press I-II, the mode switches among NICAM I, NICAM II, NICAM I/II and MONO.

When receiving a monaural signal

Each time you press I-II, the mode switches between NICAM MONO and MONO.

In the TV mode of A2 broadcasts

When receiving a stereo signal

Each time you press I-II, the mode switches between STEREO and MONO.

When receiving a bilingual signal

Each time you press I-II, the mode switches among DUAL I, DUAL II, DUAL I/II and MONO.

When receiving a monaural signal

When you press I-II, "MONO" displays.

NOTE

- No channel and sound mode display.
- "BBC2" and "99" are tentative network name and channel.

MTS/SAP broadcasts

When receiving a stereo signal

Each time you press I-II, the mode switches between STEREO and MONO.

When receiving a MAIN + SAP signal

Each time you press I-II, the mode switches between MAIN, SAP and MONO.

When receiving a STEREO + SAP signal

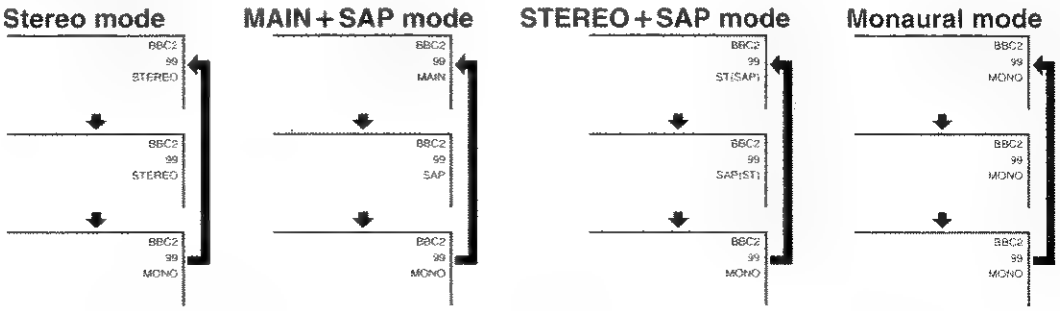
Each time you press I-II, the mode switches between ST(SAP), SAP(ST) and MONO.

When receiving a monaural signal

When you press I-II, "MONO" displays.

MTS/SAP broadcasts

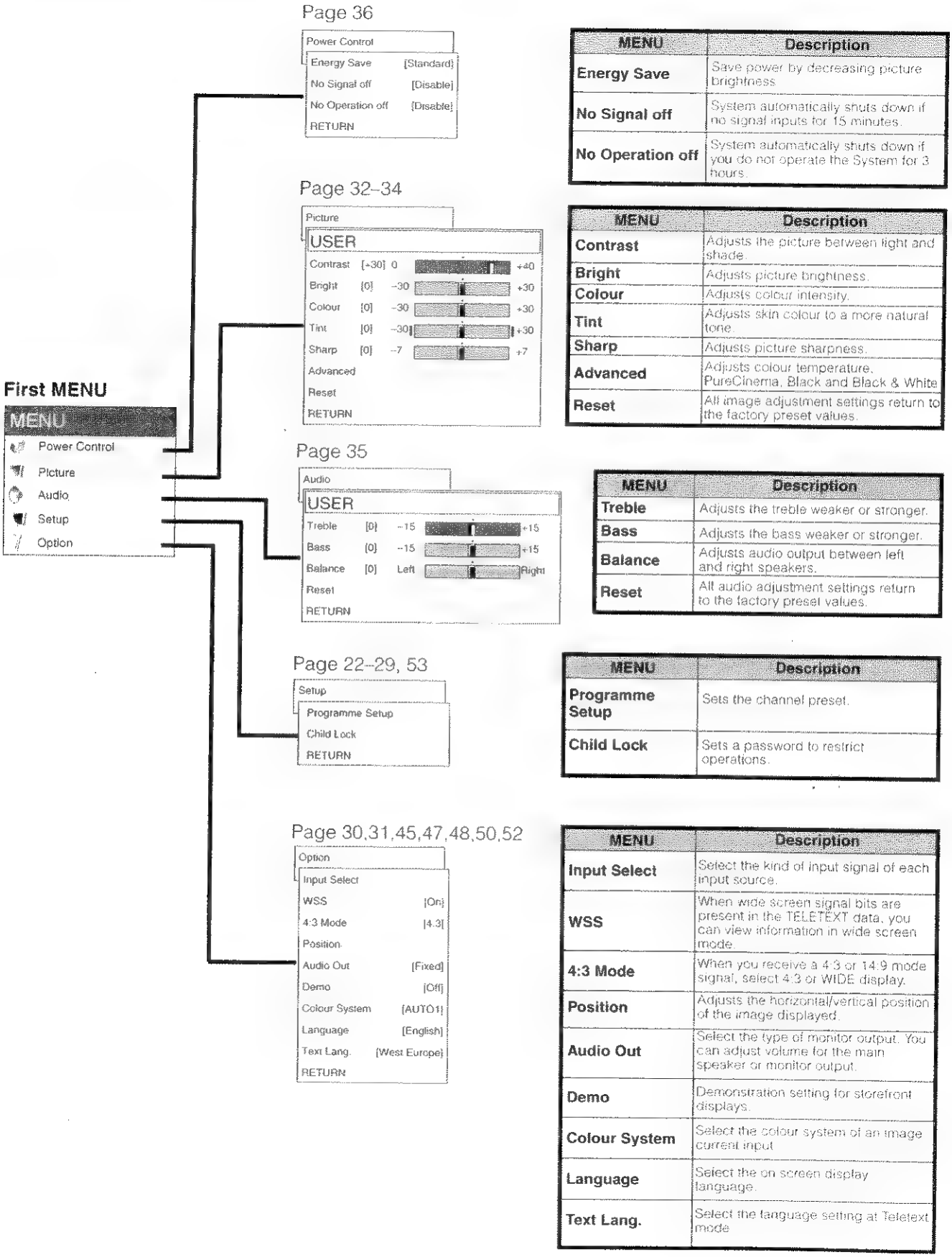
(Some images display examples.)



Basic adjustment settings

AV mode menu items

List of AV menu items to help you with operations.



MENU	Description
Energy Save	Save power by decreasing picture brightness.
No Signal off	System automatically shuts down if no signal inputs for 15 minutes.
No Operation off	System automatically shuts down if you do not operate the System for 3 hours.

MENU	Description
Contrast	Adjusts the picture between light and shade.
Bright	Adjusts picture brightness.
Colour	Adjusts colour intensity.
Tint	Adjusts skin colour to a more natural tone.
Sharp	Adjusts picture sharpness.
Advanced	Adjusts colour temperature, PureCinema, Black and Black & White.
Reset	All image adjustment settings return to the factory preset values.

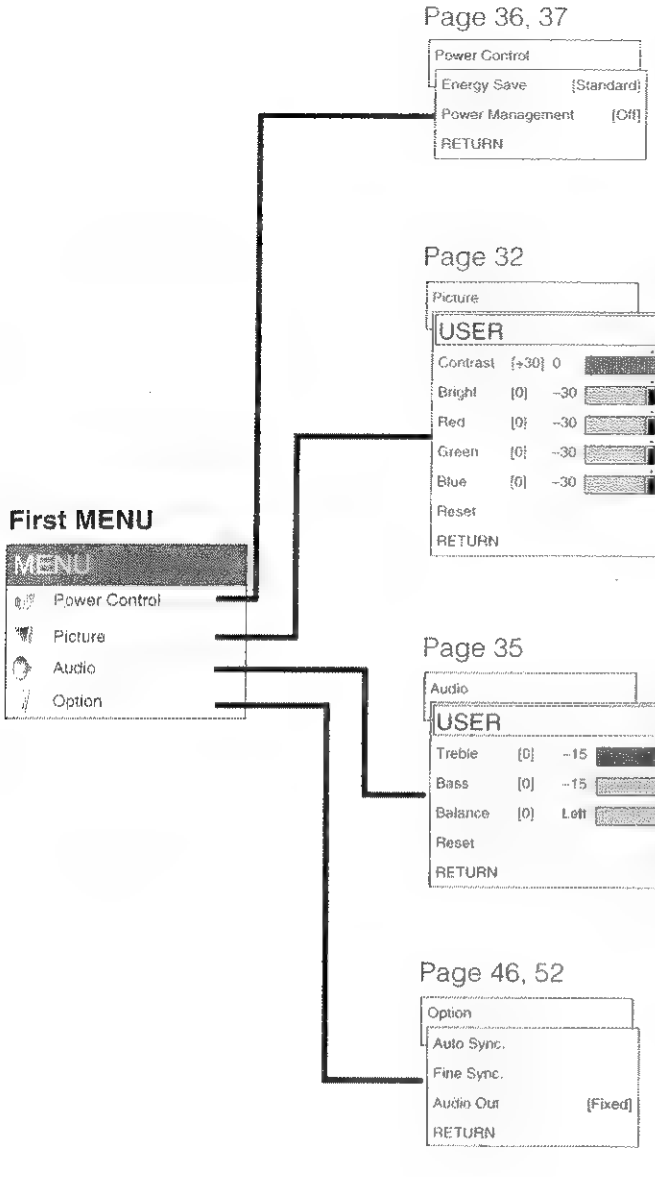
MENU	Description
Treble	Adjusts the treble weaker or stronger.
Bass	Adjusts the bass weaker or stronger.
Balance	Adjusts audio output between left and right speakers.
Reset	All audio adjustment settings return to the factory preset values.

MENU	Description
Programme Setup	Sets the channel preset.
Child Lock	Sets a password to restrict operations.

MENU	Description
Input Select	Select the kind of input signal of each input source.
WSS	When wide screen signal bits are present in the TELETEXT data, you can view information in wide screen mode.
4:3 Mode	When you receive a 4:3 or 14:9 mode signal, select 4:3 or WIDE display.
Position	Adjusts the horizontal/vertical position of the image displayed.
Audio Out	Select the type of monitor output. You can adjust volume for the main speaker or monitor output.
Demo	Demonstration setting for storefront displays.
Colour System	Select the colour system of an image current input.
Language	Select the on screen display language.
Text Lang.	Select the language setting at Teletext mode.

PC mode menu items

List of PC menu items to help you with operations.



MENU	Description
Energy Save	Save power by decreasing picture brightness.
Power Management	System automatically shuts down if you set the time. Select Mode 1 or Mode 2.

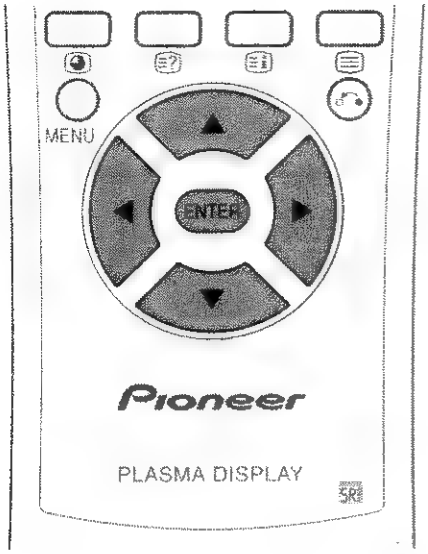
MENU	Description
Contrast	Adjusts the picture between light and shade.
Bright	Adjusts picture brightness.
Red	Adjusts red colour intensity.
Green	Adjusts green colour intensity.
Blue	Adjusts blue colour intensity.
Reset	All image adjustment settings return to the factory preset values.

MENU	Description
Treble	Adjusts the treble weaker or stronger.
Bass	Adjusts the bass weaker or stronger.
Balance	Adjusts audio output between left and right speakers.
Reset	All audio adjustment settings return the factory preset values.

MENU	Description
Auto Sync.	Provides a clear input image.
Fine Sync.	Adjusts image H-Pos, V-Pos, clock and phase.
Audio Out	After selecting type of monitor output, adjusts the volume of the main speaker or monitor output.

Moving the picture on the screen

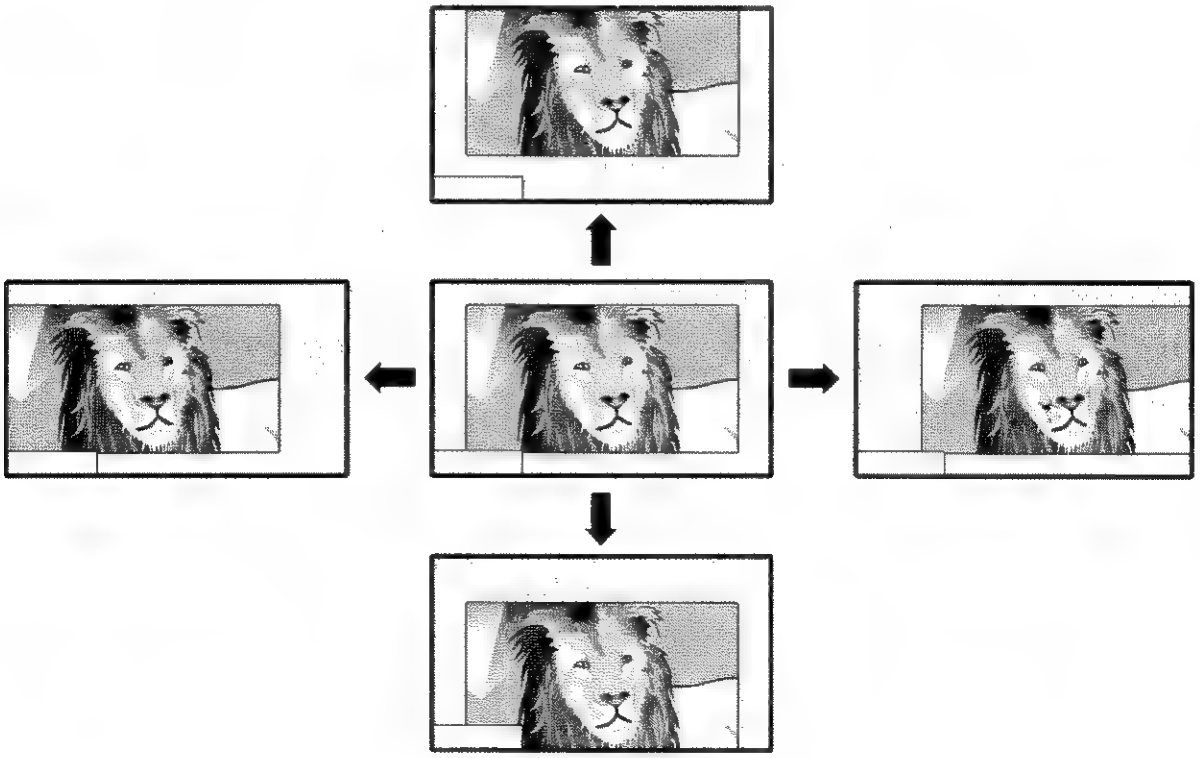
You can move the picture around on the screen.



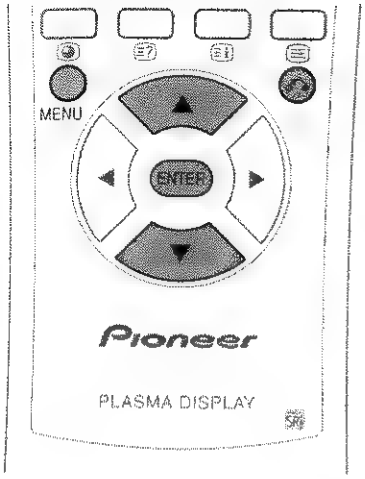
Press ▲/▼/◀/▶ to move an image on the screen to the desired position.

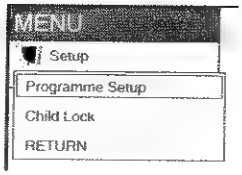
NOTE

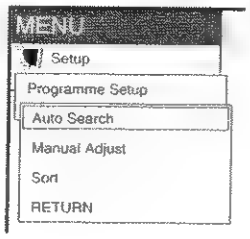
- While pressing ▲/▼/◀/▶, an on-screen image, "Adjusting Position" displays to the desired position.
- This setting cannot be stored. Once the System shuts down or enters standby mode, the setting is erased. To move the picture around the screen again, you must perform the above procedure again.
- An on-screen image from a PC source cannot be moved around.
- Initialise the image position by pressing **ENTER**.



Programme setup







Auto search

You can also automatically search TV channels by performing the procedure below.

1 Press **MENU**.

2 Press ▲/▼ to select "Setup", and then press **ENTER**.

3 Press ▲/▼ to select "Programme Setup", and then press **ENTER**.

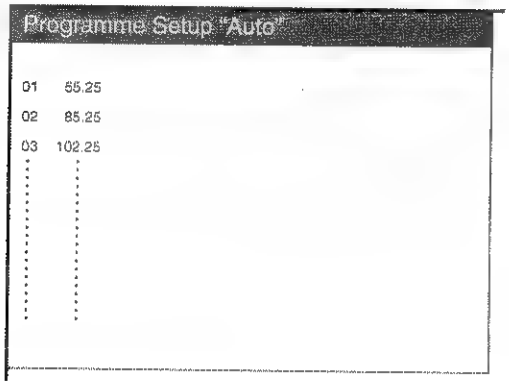
4 Press ▲/▼ to select "Auto Search", and then press **ENTER**.

- Programme auto search starts as shown below.
  ① Programme auto search
  ② Auto labelling
  ③ Auto sorting

NOTE

- Return to the previous menu by pressing ↶ before programme auto search starts.

Searching TV programmes
(The image displays sample.)



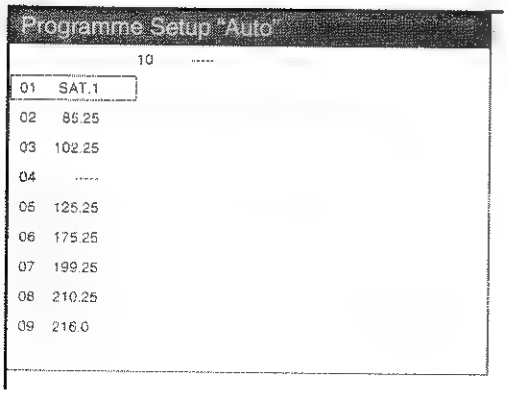
Programme auto search

This function performs the procedure below to search TV channels.

NOTE

- Cancel the setting by pressing ↶ and the System automatically returns to the status before programme auto search.
- **If no channels were found, you should check your antenna connection, and try Auto search again because it is finished. (See page 13)**

Labelling TV channels
(The image displays sample.)



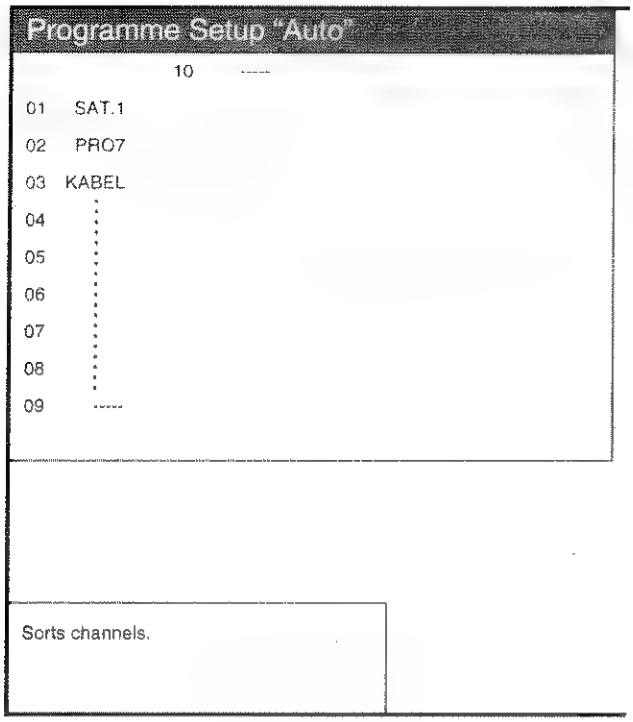
Auto labelling

After finding new TV channels, each network name are searched and displays.

NOTE

- Cancel the setting by pressing ↶ and the System automatically returns to the status before programme auto search.

Sorting TV channels
(The image displays sample.)

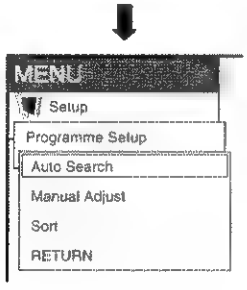


Auto sorting

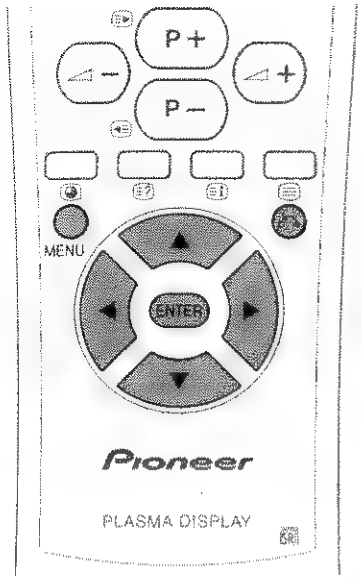
Automatically sorts TV channels.

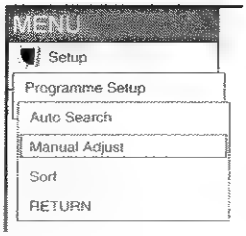
NOTE

- Cancel the setting by pressing and the System automatically returns to the status before programme auto search.
- **Don't shut down the System until "Sorts channels." displays.**



When Programme auto search is completed, the display is returned to the menu shown left.





Manual setting for each channel

You can set some channel items manually. They are Single channel search, Fine (TV frequency), Colour sys, Sound sys, Label (Network name), Skip and Lock (Child Lock).

1 Press **MENU**.

2 Press ▲/▼ to select "Setup", and then press **ENTER**.

3 Press ▲/▼ to select "Programme Setup", and then press **ENTER**.

4 Press ▲/▼ to select "Manual Adjust", and then press **ENTER**.

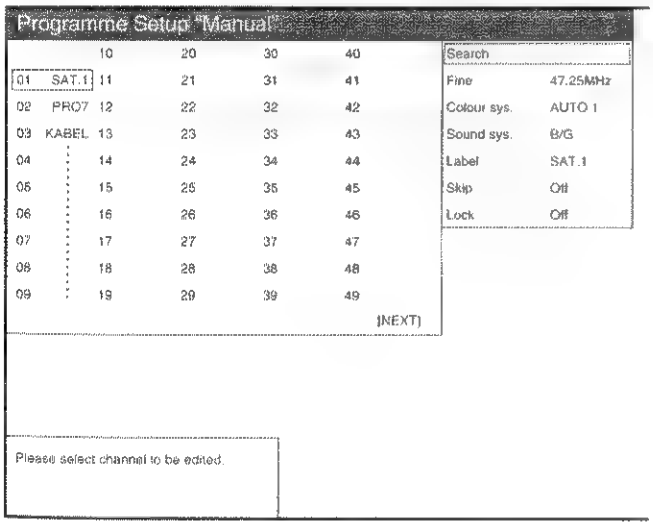
- Programme Setup "Manual" menu displays.

NOTE

- Return to the previous menu by pressing ↶.
- Exit the menu by pressing **MENU**.

Programme Setup "Manual" menu

(The image displays an example.)



Additional channels entry

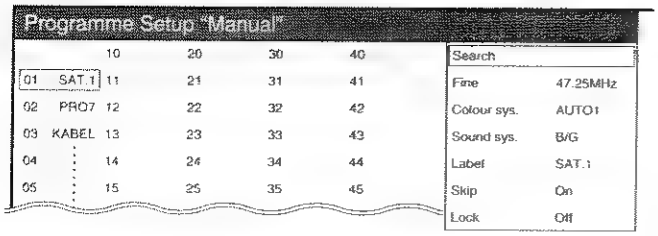
On Programme Setup "Manual" menu

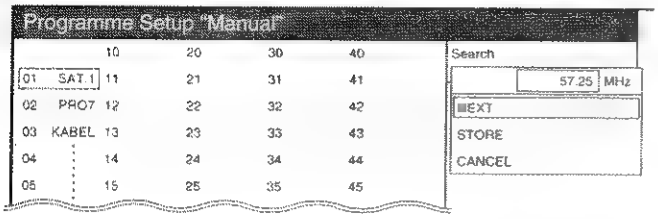
1 Press ▲/▼/◀/▶ to select a channel number, and then press **ENTER**.

- The selected channel information displays.

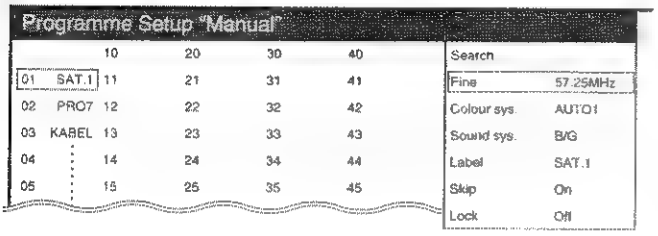
NOTE

- Return to the previous menu by pressing ↶.
- Exit the menu by pressing **MENU**.





Pressing **ENTER** when the cursor is set to "STORE" displays the image below.



Search tuning

1 Press ▲/▼ to select "Search" and then press **ENTER**.

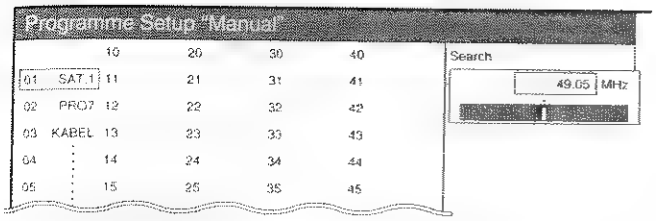
2 After confirming the cursor is set to "NEXT", press **ENTER** to begin searching from the frequency currently displayed.

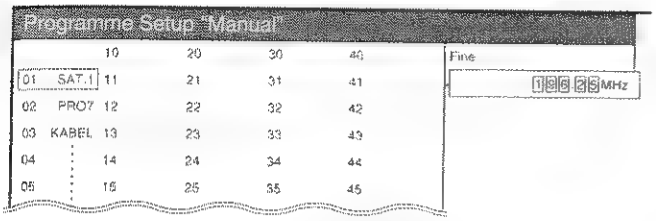
To use any of the following three items, press ▲/▼ to select item and press **ENTER**.

- **NEXT**: Search the next channel.
- **STORE**: Memorize the current display channel.
- **CANCEL**: Return to "Search" mode.

Search stops when a TV channel is found. (Received image appears on the screen.)
To register the channel, move the cursor to the "STORE" position and then press **ENTER**.

Fine tuning menu





Fine tuning

On Programme Setup "Manual" menu

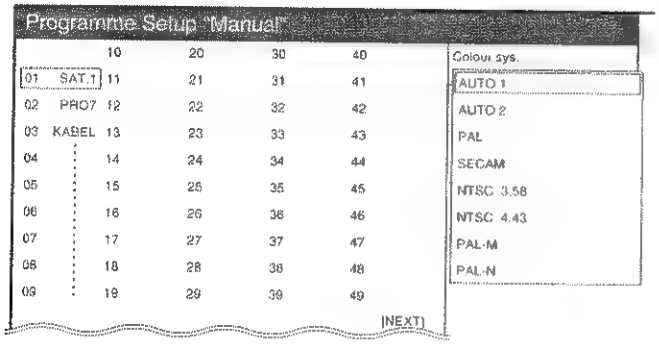
"Fine" appears only after "STORE" is executed on Search tuning, which is described on page 25.

1 Press ◀/▶ to adjust the frequency, and then press **ENTER**.
- Adjust with checking the back image as a reference.
- Instead of the above, you can also set by directly entering the frequency number of the channel with **0** – **9**.

EXAMPLE
- 179.75 MHz: Press **1** / **7** / **9** / **7** / **5** / **ENTER**.
- 49.25 MHz: Press **4** / **9** / **2** / **5** / **ENTER**.

NOTE
- Return to the previous menu by pressing ↶.
- Exit the menu by pressing **MENU**.

Colour system menu



Colour system

On Programme Setup "Manual" menu

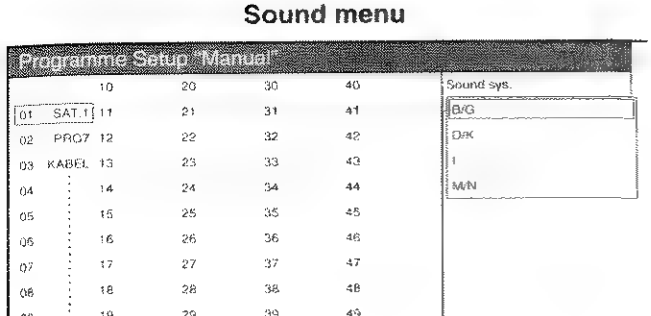
1 Press ▲/▼/◀/▶ to select the channel you want to edit, and then press **ENTER**.
- The selected channel information displays.

2 Press ▲/▼ to select "Colour sys.", and then press **ENTER**.
- Receivable colour systems are listed.
- AUTO1: Select the colour system for PAL, PAL-60, NTSC3.58/ 4.43, SECAM automatically.
- AUTO2: Select the colour system for NTSC3.58, PAL-M, PAL-N automatically.

3 Press ▲/▼ to select your colour system, and then press **ENTER**.

NOTE
- Return to the previous menu by pressing ↶.
- Exit the menu by pressing **MENU**.

Sound menu



Sound system

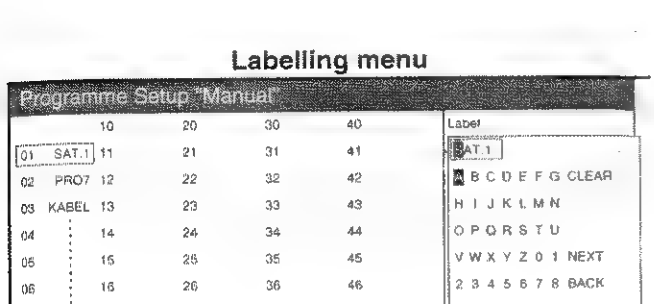
On Programme Setup "Manual" menu

1. Press ▲/▼/◄/► to select the channel you want to edit, and then press **ENTER**.
   - The selected channel information displays.
2. Press ▲/▼ to select "Sound sys.", and then press **ENTER**.
   - Receivable sound systems (Broadcasting systems) are listed.
3. Press ▲/▼ to select your sound system, and then press **ENTER**.

NOTE

- If you adjust this setting, please check the colour system information on page 26.
- Return to the previous menu by pressing ↶.
- Exit the menu by pressing **MENU**.

Labelling menu



Labelling channels

Auto installation automatically assigns names to all viewable networks. However, you can change individual channel names.

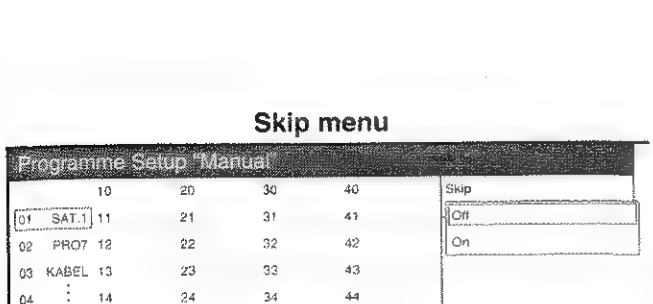
On Programme Setup "Manual" menu

1. Press ▲/▼/◄/► to select the channel you want to edit, and then press **ENTER**.
   - The selected channel information displays.
2. Press ▲/▼ to select "Label", and then press **ENTER**.
   - Alphabet and numbers are listed.
3. Press ▲/▼/◄/► to select each character of the new name for the channel, and then press **ENTER**.
4. Repeat the above until the name is fully spelt out.
   - The name can be 5 characters or less.

NOTE

- Return to the previous menu by pressing ↶.
- Exit the menu by pressing **MENU**.

Skip menu



Skipping channels

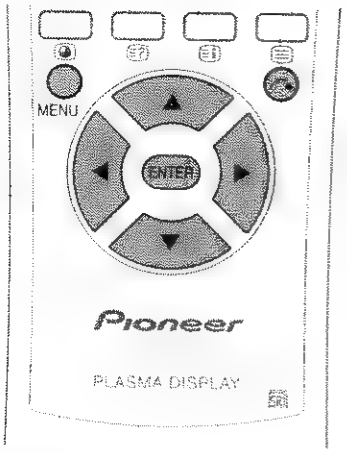
Channels with "Skip" set to "On" with **P+**/**P−** are passed over even if you select them.

On Programme Setup "Manual" menu

1. Press ▲/▼/◄/► to select the channel you want to edit, and then press **ENTER**.
   - The selected channel information displays.
2. Press ▲/▼ to select "Skip", and then press **ENTER**.
   - Skip menu displays.
3. Press ▲/▼ to set "Skip" to "On", and then press **ENTER**.

NOTE

- Return to the previous menu by pressing ↶.
- Exit the menu by pressing **MENU**.



Setting the child lock

You can block the viewing of any channel.

On Programme Setup "Manual" menu

1 Press ▲/▼/◀/▶ to select the channel you want to edit, and then press **ENTER**.
- The selected channel information displays.

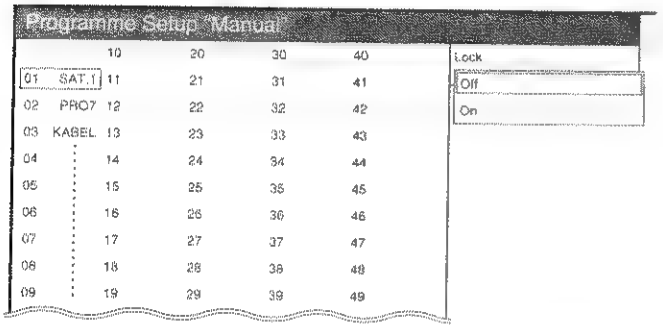
2 Press ▲/▼ to select "Lock", and then press **ENTER**.
- Child lock menu displays.

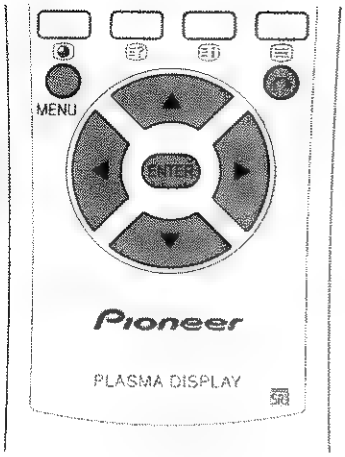
3 Press ▲/▼ to set "Lock" to "On", and then press **ENTER**.

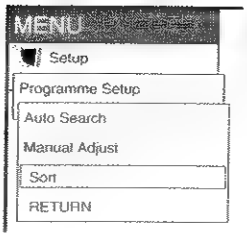
NOTE

- **Even if set to "On", this function never works if not setting password. See page 53 for the details on password setting.**
- Return to the previous menu by pressing ↶.
- Exit the menu by pressing **MENU**.

Lock menu







Sort

Channel positions can be sorted freely.

1 Press **MENU**.

2 Press ▲/▼ to select "Setup", and then press **ENTER**.

3 Press ▲/▼ to select "Programme Setup", and then press **ENTER**.

4 Press ▲/▼ to select "Sort", and then press **ENTER**.
- The channels are listed. Black ones are set "Skip" to "Off" and blue are set "Skip" to "On".

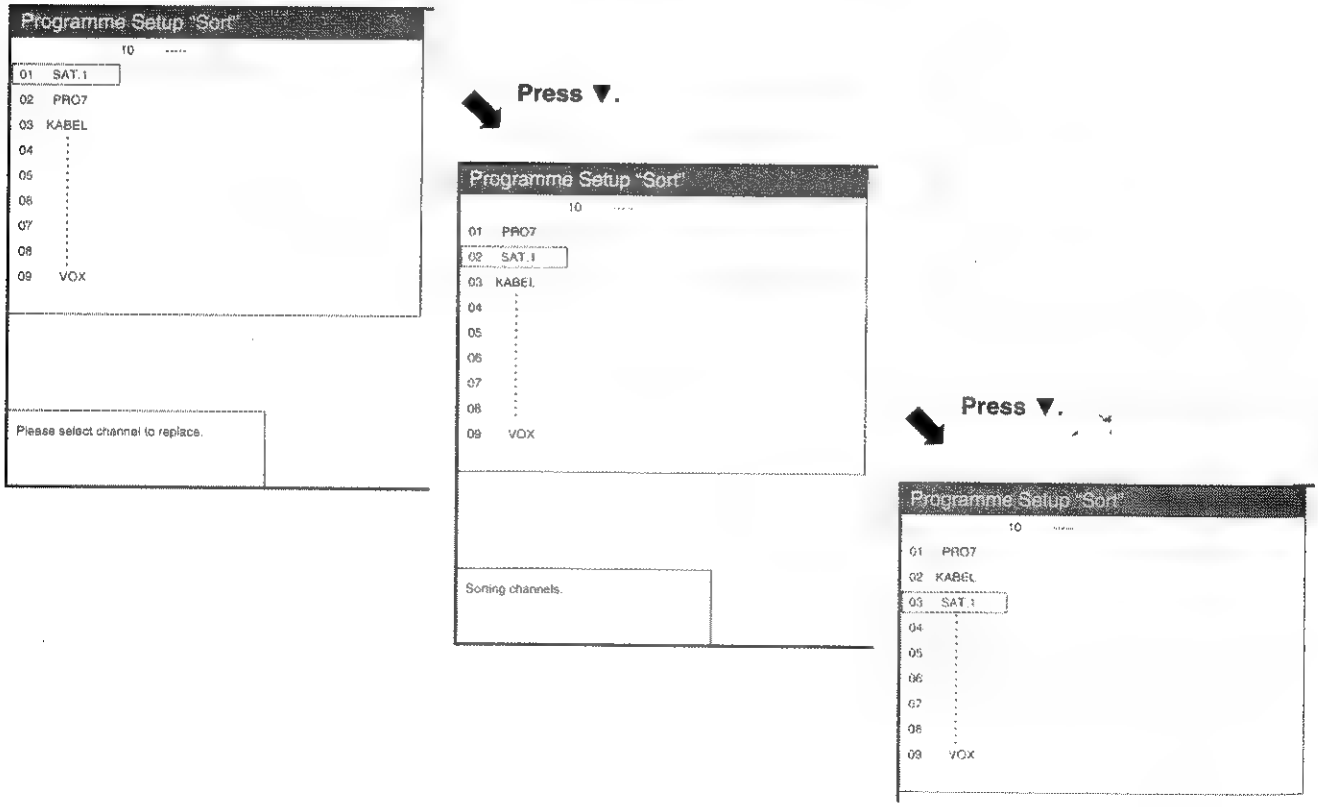
5 Press ▲/▼/◄/► to select the channel you want to move, and then press **ENTER**.

6 Move it to the desired position by pressing ▲/▼/◄/►, and then press **ENTER**.

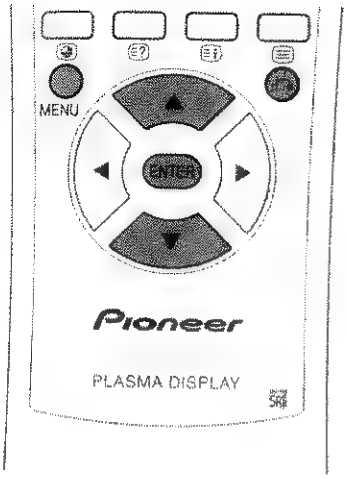
7 Repeat the steps 5 and 6 until all desired channels have been sorted.

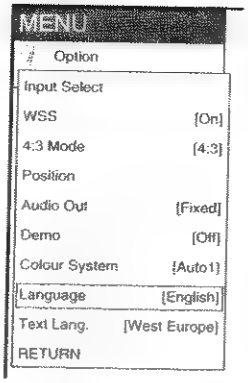
NOTE
- Return to the previous menu by pressing ↶.
- Exit the menu by pressing **MENU**.

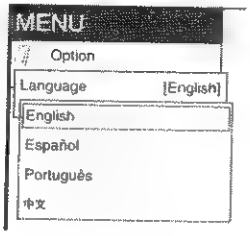
Sort menus



Language setting







You can also select a language from option menu. Select from among 4 languages: English, Spanish, Portuguese, and Chinese.

1 Press **MENU**.

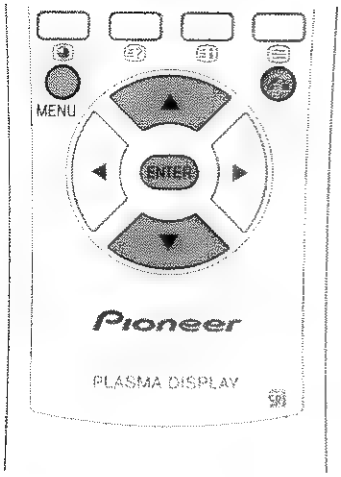
2 Press ▲/▼ to select "Option", and then press **ENTER**.
- Option menu displays.

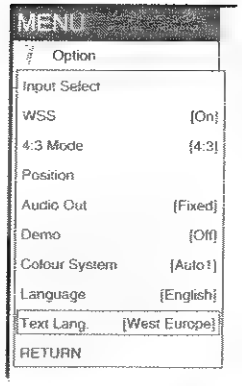
3 Press ▲/▼ to select "Language", and then press **ENTER**.
- Language menu displays.

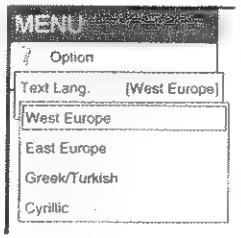
4 Press ▲/▼ to select the desired language listed on the screen, and then press **ENTER**.

5 Press **MENU** to exit the menu.

NOTE
- Return to the previous menu by pressing ↩.







Teletext Language Setting

If Teletext information does not display correctly, perform the setting procedure below.
Select from among 4 kinds of language tables: West Europe, East Europe, Greek/Turkish, Cyrillic.
Each table is compatible with the Teletext languages listed below.

1 Press **MENU**.

2 Press ▲/▼ to select "Option", and then press **ENTER**.
- Option menu displays.

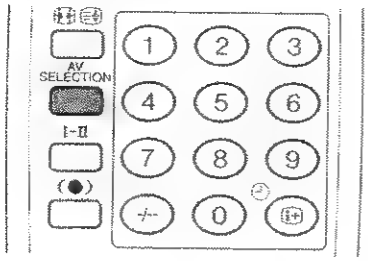
3 Press ▲/▼ to select "Text Lang.", and then press **ENTER**.

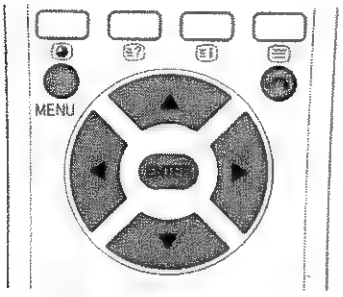
4 Press ▲/▼ to select the desired language, and then press **ENTER**.
- West Europe - English, French, Skandinavian, Czech, German, Spanish, Italian
- East Europe - Polish, French, Skandinavian, Czech, German, Slovenian/Croatian, Italian, Rumanian
- Greek/Turkish - English, French, Skandinavian, Turkish, German, Spanish, Italian, Greek
- Cyrillic - English, Russian, Estonian, Czech, German, Spanish, Ukrainian, Lettish

NOTE
- This table displays TV side Teletext language that conforms to the Teletext language signal sent by the network. Not used to convert between languages.
- Return to the previous menu by pressing ↩.

Picture adjustments

Adjust the picture to your preference with the following picture settings.





1 Press **MENU**.

2 Press ▲/▼ to select "Picture", and then press **ENTER**.
- Picture menu displays.

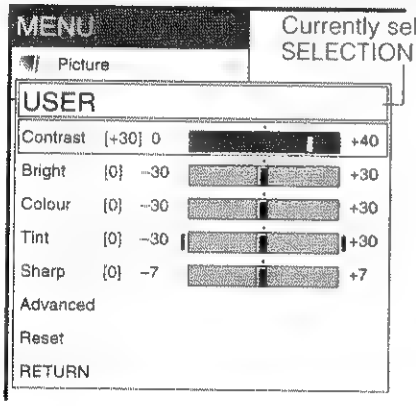
3 Press ▲/▼ to select a specific adjustment item.

4 Press ◀/▶ to adjust the item to your desired position.

5 Press **MENU** to exit the menu.

NOTE
- When all adjustments set to factory preset values,
  ① Press ▲/▼ to select "Reset", and then press **ENTER**.
  ② Press ▲/▼ to select "Yes", and then press **ENTER**.
- Return to the previous menu by pressing .
- **If you select "STANDARD" with AV SELECTION on the remote control unit, these items will display in gray and not be selectable. See page 48.**

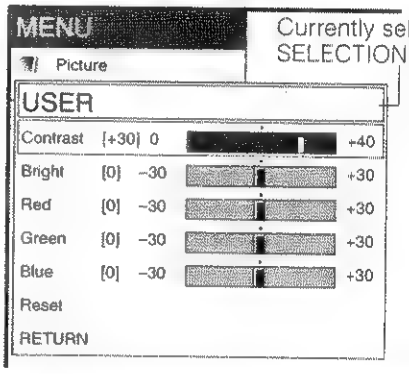
Adjustments items for AV source



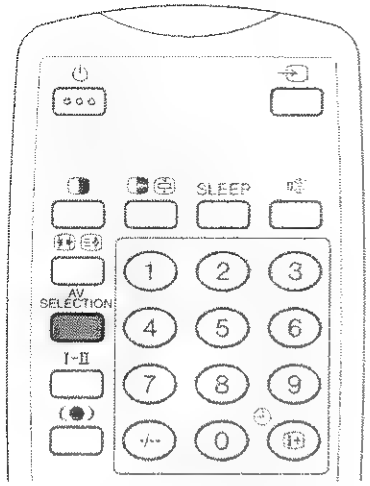
Selected item	◀button	▶button
Contrast	For less contrast	For more contrast
Bright	For less brightness	For more brightness
Colour	For less colour intensity	For more colour intensity
Tint	Skin tones become purplish	Skin tones become greenish
Sharp	For less sharpness	For more sharpness

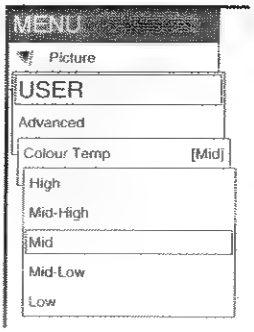
NOTE
- Select "Advanced" and then press **ENTER** to set "Colour Temp", "PureCinema", "Black" or "Black & White" settings. See pages 33 and 34.

Adjustments items for PC source



Selected item	◀button	▶button
Contrast	For less contrast	For more contrast
Bright	For less brightness	For more brightness
Red	For weaker red	For stronger red
Green	For weaker green	For stronger green
Blue	For weaker blue	For stronger blue





Colour temperature

Adjust the colour temperature to suit whitish tone.

1 Press **MENU**.

2 Press ▲/▼ to select "Picture", and then press **ENTER**.

3 Press ▲/▼ to select "Advanced", and then press **ENTER**.

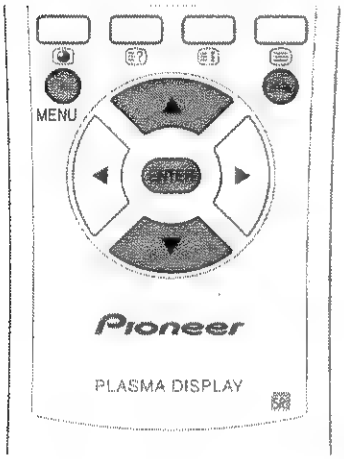
4 Press ▲/▼ to select "Colour Temp", and then press **ENTER**.

5 Press ▲/▼ to select the desired level, and then press **ENTER**.

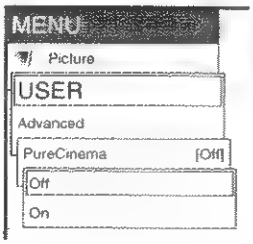
6 Press **MENU** to exit the menu.

NOTE

- Return to the previous menu by pressing ↶.
- **If you select "STANDARD" with AV SELECTION on the remote control unit, this item will display in gray and not be selectable. See page 48.**



Selected item	Description
High	White with Bluish tone
Mid-High	
Mid	⬍
Mid-Low	
Low	White with Reddish tone



PureCinema

Automatically detects a film-based source (originally encoded at 24 frames/second), analyses it then recreates each still film frame for high-definition picture quality.

1 Press **MENU**.

2 Press ▲/▼ to select "Picture", and then press **ENTER**.

3 Press ▲/▼ to select "Advanced", and then press **ENTER**.

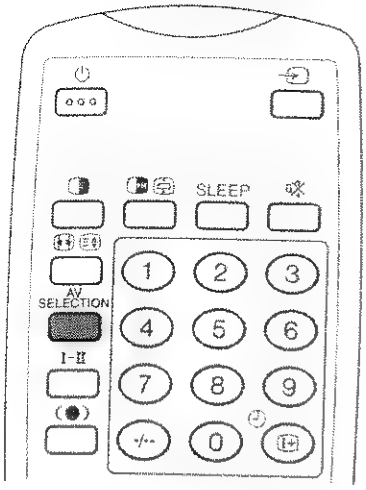
4 Press ▲/▼ to select "PureCinema", and then press **ENTER**.

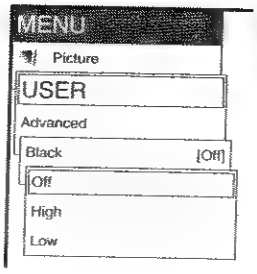
5 Press ▲/▼ to select "On", and then press **ENTER**.

6 Press **MENU** to exit the menu.

NOTE

- Return to the previous menu by pressing ↶.
- **If you select "STANDARD" with AV SELECTION on the remote control unit, this item will display in gray and not be selectable. See page 48.**





Black

Allows you to select a level for automatically adjusting blackish tone to suit viewing conditions.

1 Press **MENU**.

2 Press ▲/▼ to select "Picture", and then press **ENTER**.

3 Press ▲/▼ to select "Advanced", and then press **ENTER**.

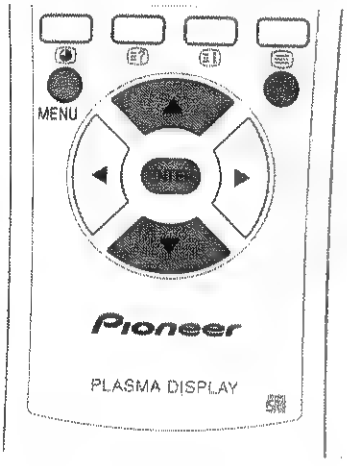
4 Press ▲/▼ to select "Black", and then press **ENTER**.

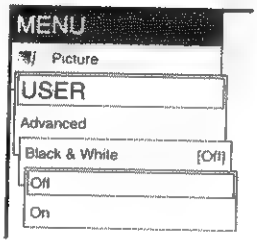
5 Press ▲/▼ to select the desired level, and then press **ENTER**.

6 Press **MENU** to exit the menu.

NOTE

- Return to the previous menu by pressing ↶.
- **If you select "STANDARD" with AV SELECTION on the remote control unit, this item will display in gray and not be selectable. See page 48.**





Black & White

For viewing a video in monochrome.

1 Press **MENU**.

2 Press ▲/▼ to select "Picture", and then press **ENTER**.

3 Press ▲/▼ to select "Advanced", and then press **ENTER**.

4 Press ▲/▼ to select "Black & White", and then press **ENTER**.

5 Press ▲/▼ to select "On", and then press **ENTER**.

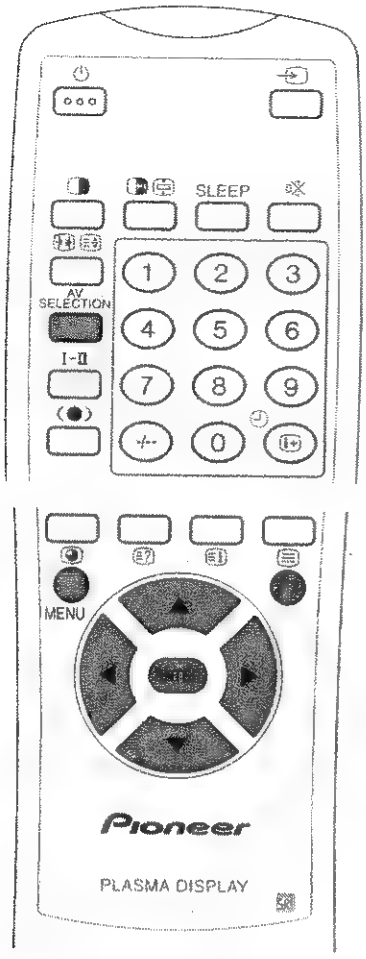
6 Press **MENU** to exit the menu.

NOTE

- Return to the previous menu by pressing ↶.
- **If you select "STANDARD" with AV SELECTION on the remote control unit, this item will display in gray and not be selectable. See page 48.**

Sound adjustment

You can adjust the sound quality to your preference with the following settings.



1 Press **MENU**.

2 Press ▲/▼ to select "Audio", and then press **ENTER**.
- Audio menu displays.

3 Press ▲/▼ to select a specific adjustment item.

4 Press ◀/▶ to adjust the item to your desired position.

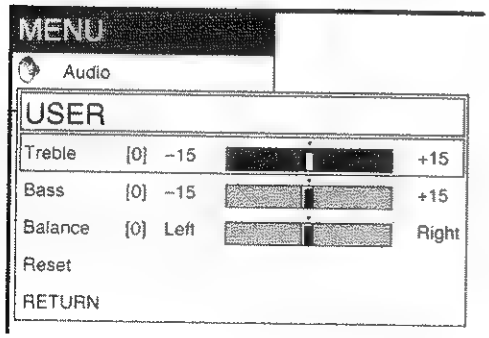
5 Press **MENU** to exit the menu.

NOTE

- When all adjustments set to factory preset values,
  ① Press ▲/▼ to select "Reset", and then press **ENTER**.
  ② Press ▲/▼ to select "Yes", and then press **ENTER**.
- Return to the previous menu by pressing .
- **If you select "STANDARD" with AV SELECTION on the remote control unit, these items will display in gray and not be selectable. See page 48.**

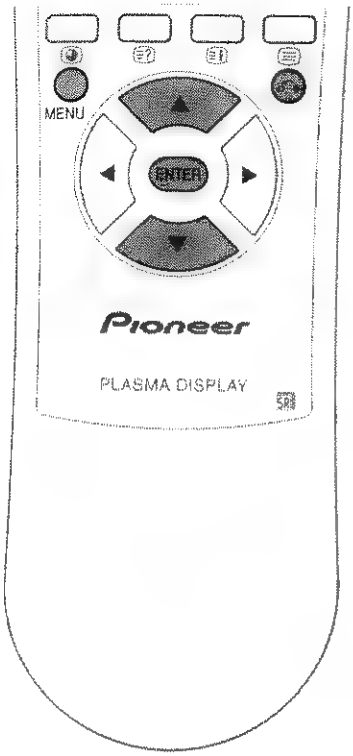
Selected item	◀button	▶button
Treble	For weaker treble	For stronger treble
Bass	For weaker bass	For stronger bass
Balance	Decrease audio from the right speaker	Decrease audio from the left speaker

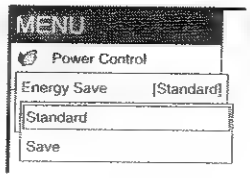
Adjustments items for AV source



Power control

Power Control setting allows you to reduce the display brightness to save energy.





Power control for AV source

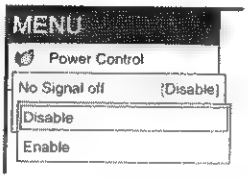
Energy save

When set to "Save", the power consumption is saved by decreasing picture brightness.

1. Press **MENU**.
2. Press ▲/▼ to select "Power Control", and then press **ENTER**.
3. Press ▲/▼ to select "Energy Save", and then press **ENTER**.
4. Press ▲/▼ to select "Save", and then press **ENTER**.
5. Press **MENU** to exit the menu.

NOTE

- "Standard" is factory preset value.
- Return to the previous menu by pressing ↩.



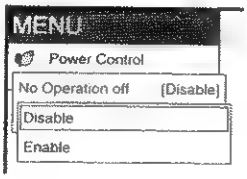
No Signal off

When set to "Enable", the power will automatically shut down if no signal inputs for 15 minutes.

1. Press **MENU**.
2. Press ▲/▼ to select "Power Control", and then press **ENTER**.
3. Press ▲/▼ to select "No Signal off", and then press **ENTER**.
4. Press ▲/▼ to select "Enable", and then press **ENTER**.
5. Press **MENU** to exit the menu.
   - Five minutes before the power shuts down, hazard warning displays every minute.

NOTE

- "Disable" is factory preset value.
- Return to the previous menu by pressing ↩.
- When a TV programme finishes, and the Media Receiver should receives signal input, this function may not occur.



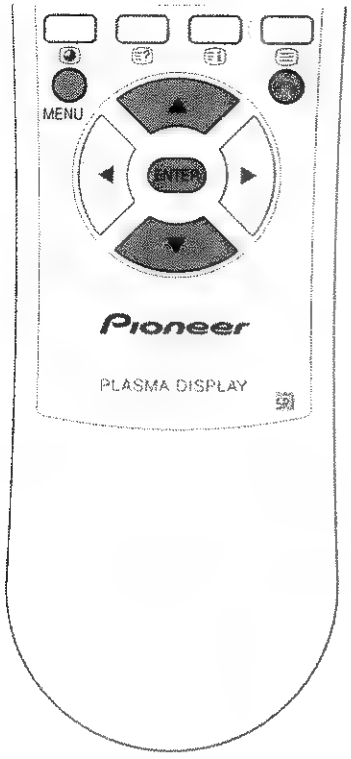
No Operation off

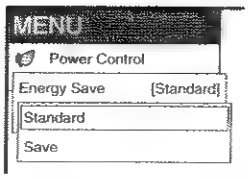
When set to "Enable", the power will automatically shut down if no operation for 3 hours.

1. Press **MENU**.
2. Press ▲/▼ to select "Power Control", and then press **ENTER**.
3. Press ▲/▼ to select "No Operation off", and then press **ENTER**.
4. Press ▲/▼ to select "Enable", and then press **ENTER**.
5. Press **MENU** to exit the menu.
   - Five minutes before the power shuts down, hazard warning displays every minute.

NOTE

- "Disable" is factory preset value.
- Return to the previous menu by pressing ↩.





Power control for PC source

Power control allows you to reduce display brightness and save energy.

Energy save

1 Press **MENU**.

2 Press ▲/▼ to select "Power Control", and then press **ENTER**.

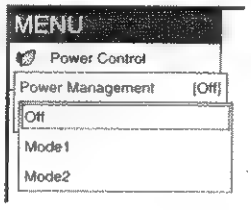
3 Press ▲/▼ to select "Energy Save", and then press **ENTER**.

4 Press ▲/▼ to select "Save", and then press **ENTER**.

5 Press **MENU** to exit the menu.

NOTE

- "Standard" is factory preset value.
- Return to the previous menu by pressing ↶.



Power management

When set, the power will automatically shut down.

1 Press **MENU**.

2 Press ▲/▼ to select "Power Control", and then press **ENTER**.

3 Press ▲/▼ to select "Power Management", and then press **ENTER**.

4 Press ▲/▼ to select "Mode1" or "Mode2", and then press **ENTER**.

5 Press **MENU** to exit the menu.

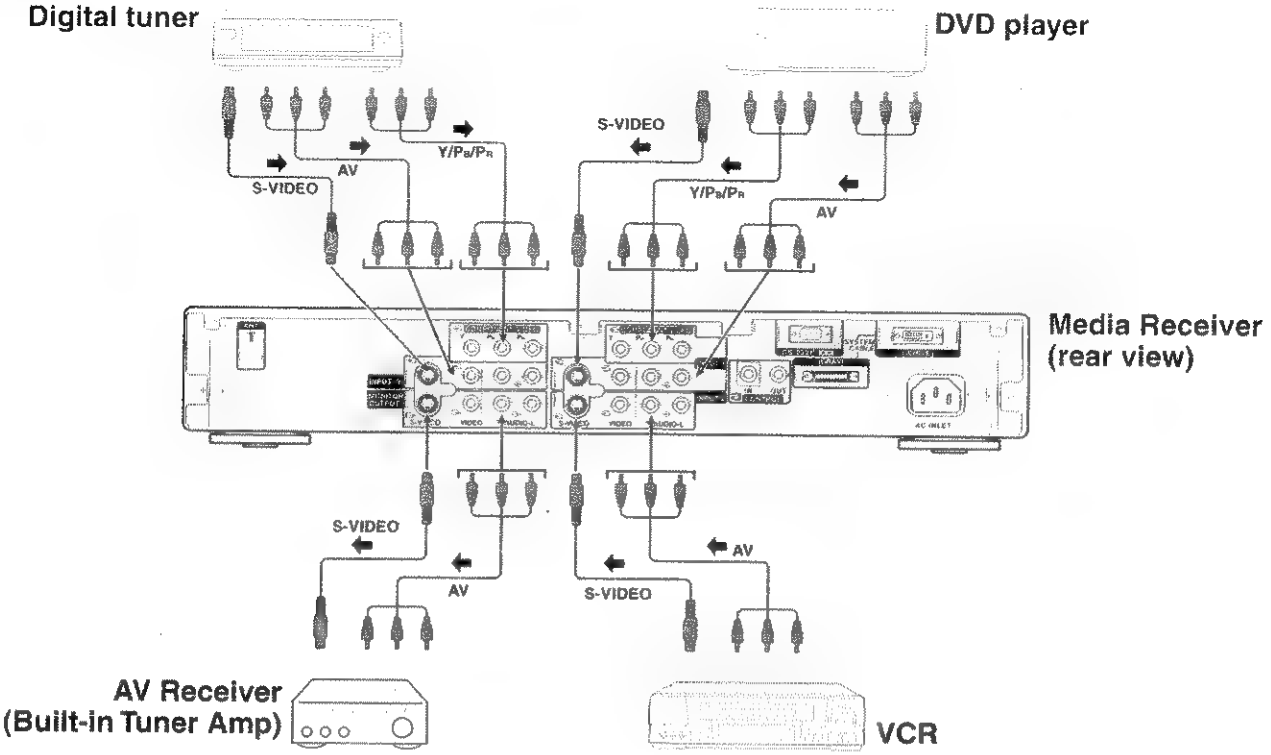
NOTE

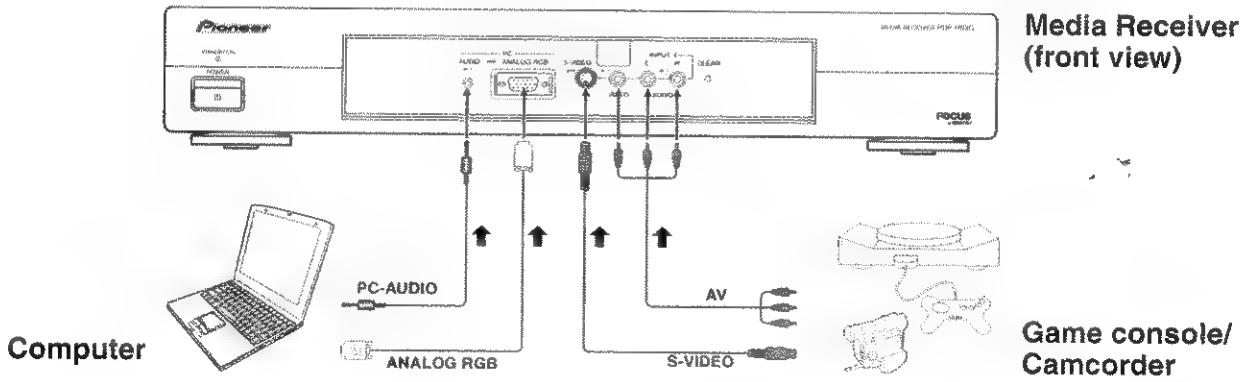
- Return to the previous menu by pressing ↶.

Selected item	Description
Off	• No power management • Factory preset value.
Mode1	• If no signal inputs for 8 minutes, the power shuts down. • Even if you start using the computer and the signal inputs again, the System stays off. • The System turns on again by pressing **STANDBY/ON** on the Plasma Display or **0 – 9** on the remote control unit.
Mode2	• If no signal inputs for 8 seconds, the power shuts down. • When you start using the computer and the signal inputs again, the System turns on.

Using external equipment

You can connect many types of external equipment to your Plasma Display System, like a DVD player, VCR, Digital tuner, computer, game console and camcorder. To view external source images, select the input source from ⏎ on the remote control unit or **INPUT** on the Plasma Display.





⚠ CAUTION

- To protect all equipment, always turn off the Media Receiver before connecting to a DVD player, VCR, Digital tuner, computer, game console, camcorder or other external equipment.

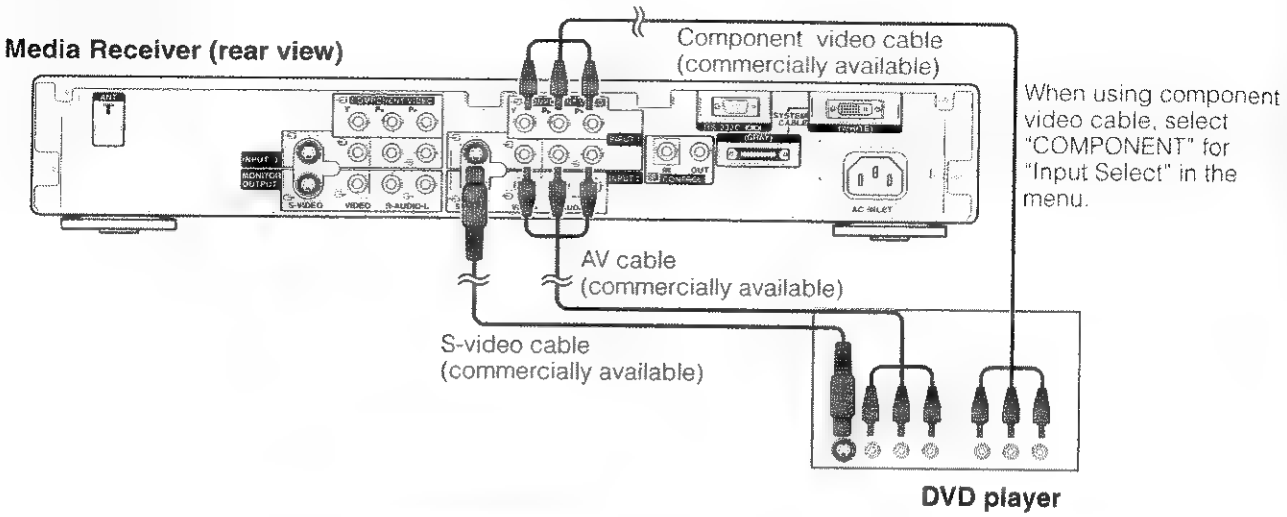
NOTE

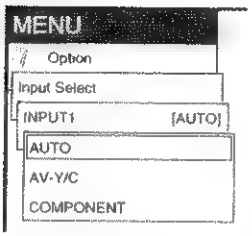
- Please refer to the relevant operation manual (DVD player, computer, etc.) carefully before making connections.

Watching a DVD image

Connecting a DVD player

You can use the INPUT 1 terminal when connecting to a DVD player and other audiovisual equipment.

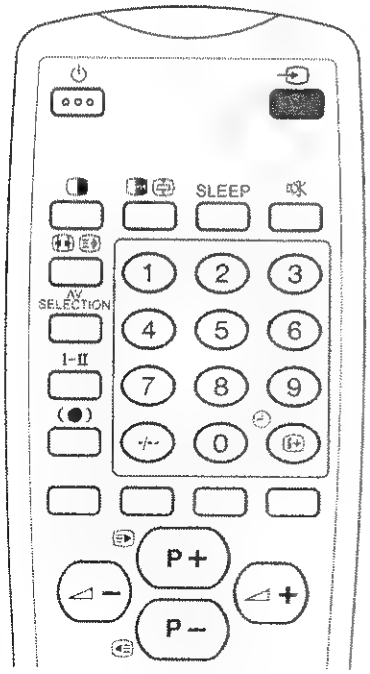


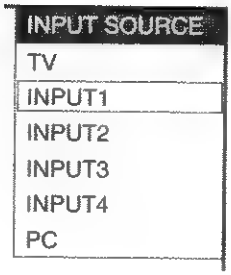


Displaying a DVD image

When connecting to the INPUT 1 terminal, select "INPUT1" and set the correct input signal type on "Input Select" in the menu. (See page 47.)

The setting is stored and can be selected on the "INPUT SOURCE" menu.





To watch a DVD image, select "INPUT1" from "INPUT SOURCE" menu using ⏎ on the remote control unit or **INPUT** on the Plasma Display. (See page 47.)

NOTE

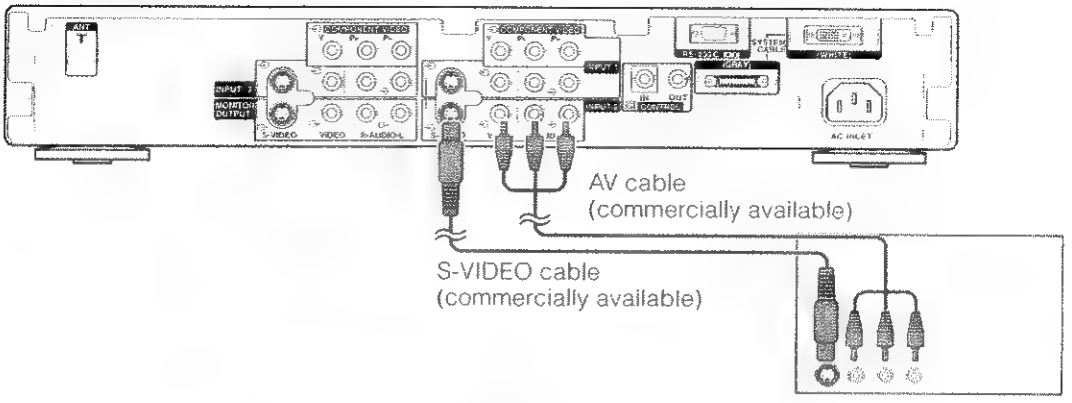
- Each time ⏎ is pressed, the input source toggles.
- If the DVD image does not come in clearly, you may need to change the input signal type setting on the "Input Select" menu.
- Refer to your DVD player operation manual for the signal type.

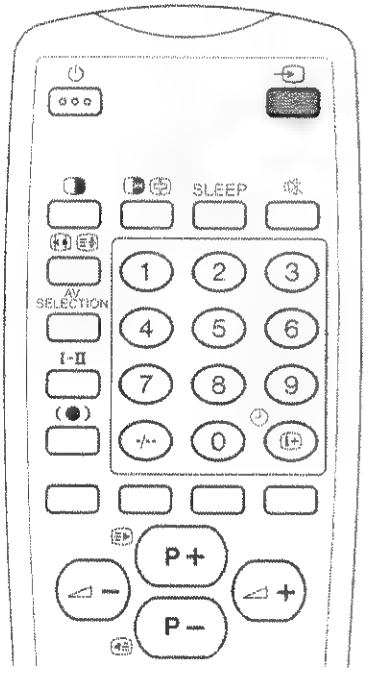
Watching a VCR image

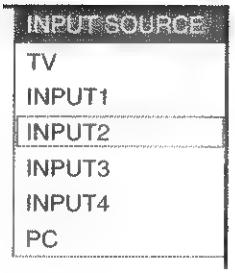
Connecting a VCR

You can use the INPUT 2 terminal when connecting a VCR and other audiovisual equipment.

Media Receiver (rear view)







Displaying a VCR image

When connecting to the INPUT 2 terminals, select "INPUT2".

You only need to select the input source on the "INPUT SOURCE" menu.

To watch a VCR image, select "INPUT2" from the "INPUT SOURCE" menu using ⏎ on the remote control unit or **INPUT** on the Plasma Display. (See page 47.)

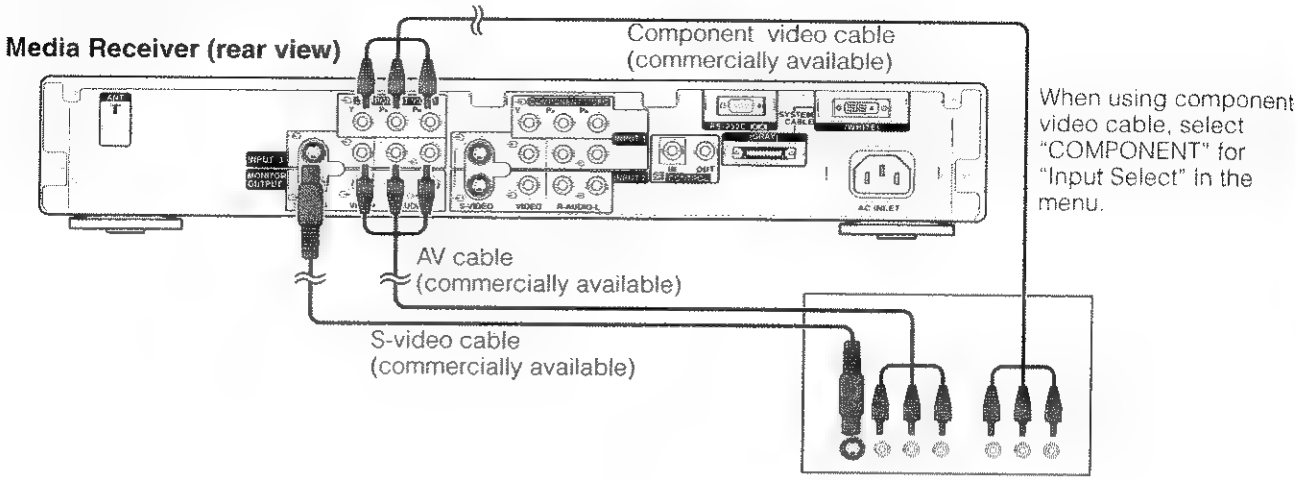
NOTE

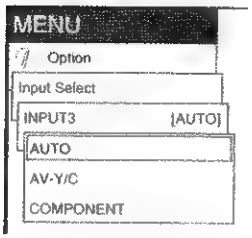
- Each time ⏎ is pressed, the input source toggles.
- Refer to your VCR operation manual for the signal type.

Watching broadcasts via a Digital tuner

Connecting a Digital tuner

You can use the INPUT 3 terminal when connecting a Digital tuner and other audiovisual equipment.

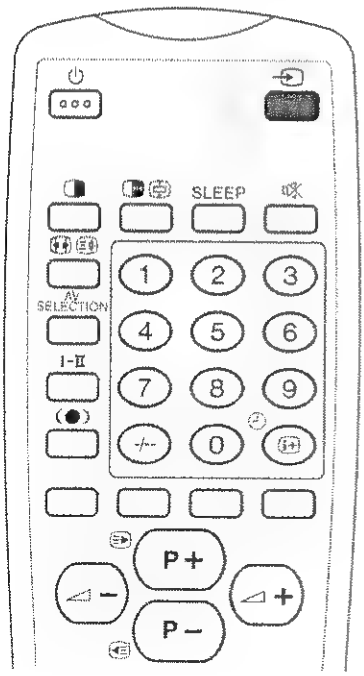


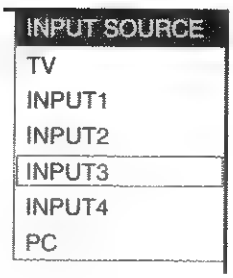


Displaying broadcasts via a Digital tuner

When connecting to the INPUT 3 terminal, select "INPUT3" and set the correct input signal type on "Input Select" in the menu. (See page 47.)

The setting is stored and can be selected on the "INPUT SOURCE" menu.





To watch a Digital tuner image, select "INPUT3" from the "INPUT SOURCE" menu using ⏎ on the remote control unit or **INPUT** on the Plasma Display. (See page 47.)

NOTE

- Each time ⏎ is pressed, the input source toggles.
- If the Digital tuner image does not come in clearly, you may need to change the input signal type setting on the "Input Select" menu.

Enjoying a game console or viewing camcorder images

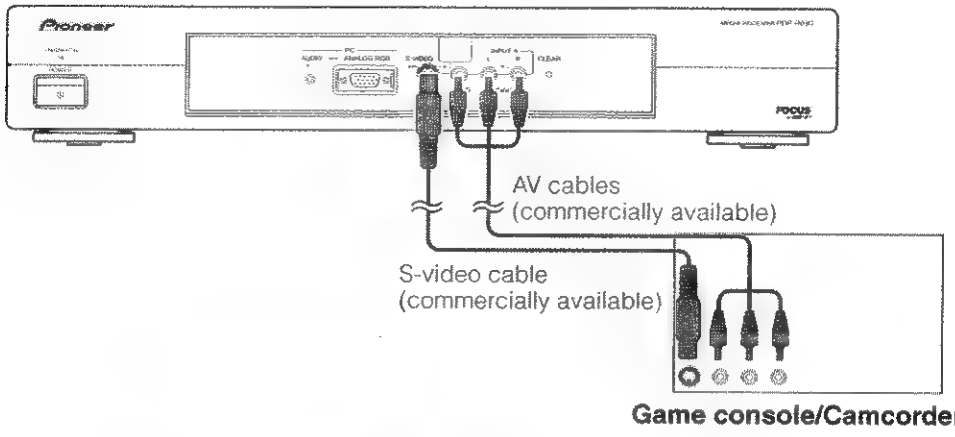
Connecting a game console or camcorder

A game console, camcorder and some other audiovisual equipment are conveniently connected using the INPUT 4 terminals.

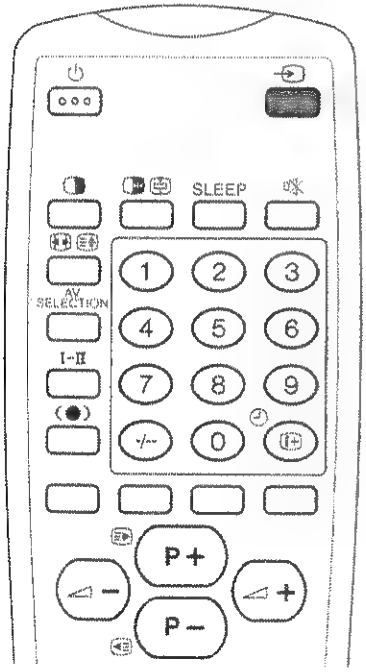
NOTE

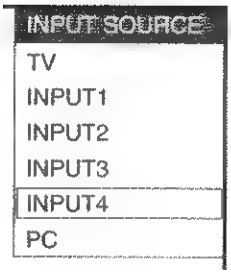
- The S-video terminal has priority over the video terminals.

Media Receiver (front view)



Game console/Camcorder





Displaying an image of the game console or camcorder

When connecting to the INPUT 4 terminals, select "INPUT4".

You only need to select the input source on the "INPUT SOURCE" menu.

To connect a game console or view a camcorder, select "INPUT4" from the "INPUT SOURCE" menu using ⏎ on the remote control unit or **INPUT** on the Plasma Display. (See page 47.)

NOTE

- Each time ⏎ is pressed, the input source toggles.

Viewing an image from a computer

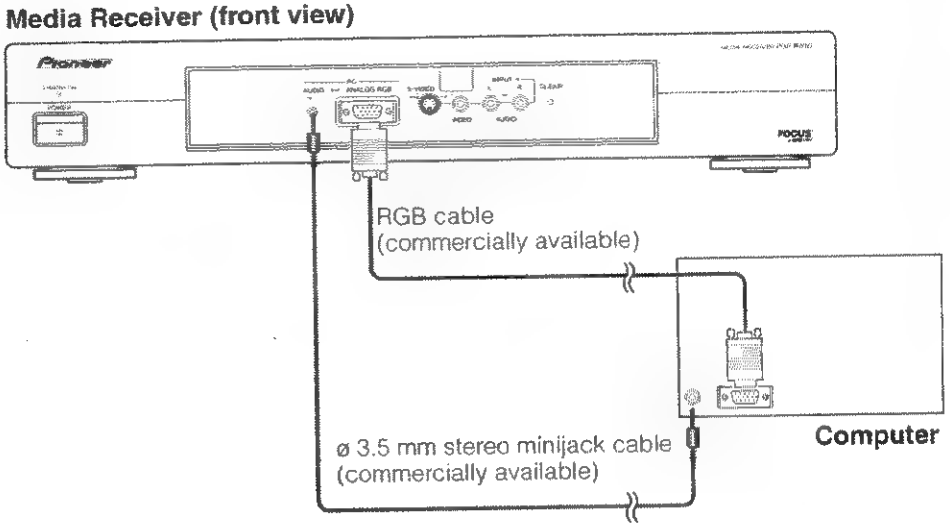
Connecting a computer

Use the PC terminals to connect a computer.

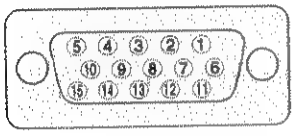
NOTE

- The PC input terminals are DDC1/2B-compatible.
- Refer to page 59 for a list of computer signals compatible with the Plasma Display System.

Media Receiver (front view)



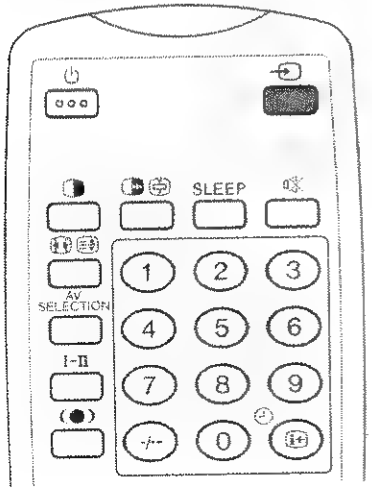
Signal names for 15-pin mini D-sub connecter

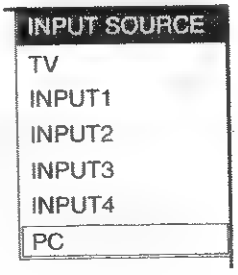


Pin No.	Signal name	Pin No.	Signal name	Pin No.	Signal name
①	R	⑥	GND (Ground)	⑪	Not connected
②	G	⑦	GND (Ground)	⑫	SDA
③	B	⑧	GND (Ground)	⑬	HD
④	Not connected	⑨	+5V	⑭	VD
⑤	CSYNC	⑩	GND (Ground)	⑮	SCL

NOTE

- Macintosh adaptor may be required for use for some Macintosh computers.





Displaying an image from a computer

When connecting to a computer, the correct input signal type is automatically detected.
If the computer image does not come in clearly, you may need to set the Auto Sync. adjustment on the "Auto Sync." in the menu. (See page 46.)

You only need to select the input source on the "INPUT SOURCE" menu.

To view an image from a computer, select "PC" from the "INPUT SOURCE" menu using ⏎ on the remote control unit or **INPUT** on the Plasma Display. (See page 47.)

NOTE

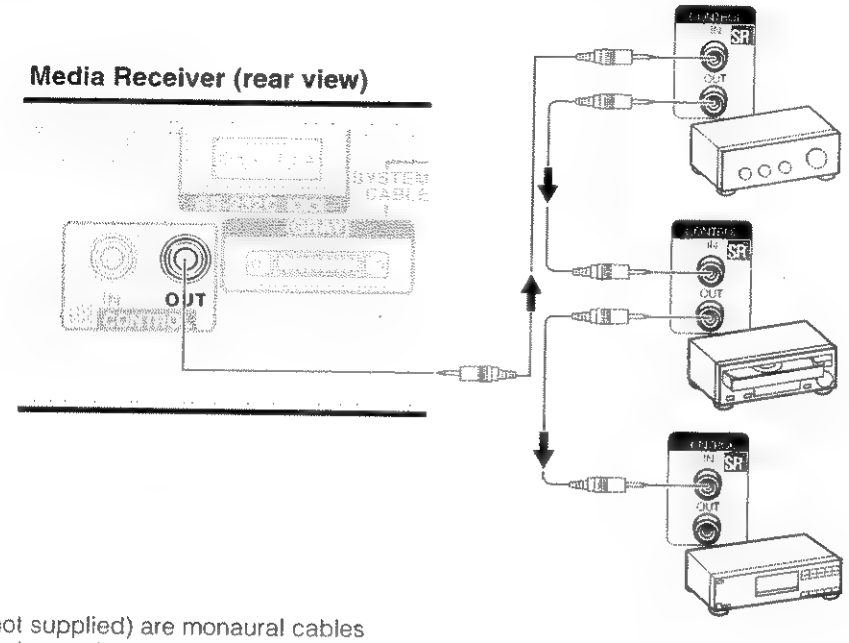
- Each time ⏎ is pressed, the input source toggles.
- PC INPUT terminals cannot be used for audiovisual equipment.

Control cord connection

When connecting control cords to the Media Receiver from other remote controlled PIONEER components bearing the SR logo, remote control operations are performed through the sensor on the System side.
After connecting to a CONTROL IN jack on another component, its sensor will no longer receive signals. To operate a component remotely, point the remote control unit of the connected component at the remote control sensor on the System.

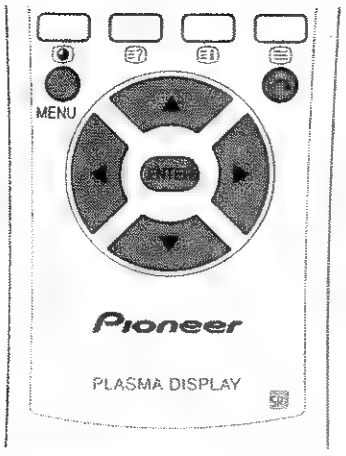
NOTE

- Make sure the power is turned off when making connections.
- Please complete all component connections before making control cord connections.



The control cables (not supplied) are monaural cables with mini plugs (no resistance).

Useful adjustment settings



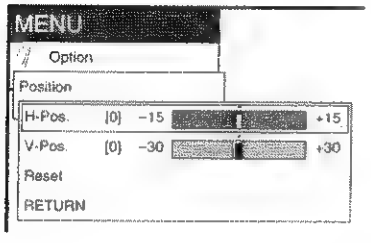


Image position (AV mode only)

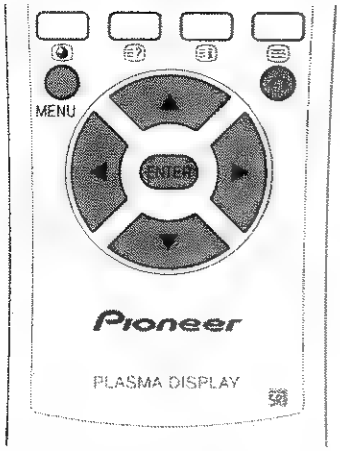
For adjusting a picture's horizontal and vertical position.

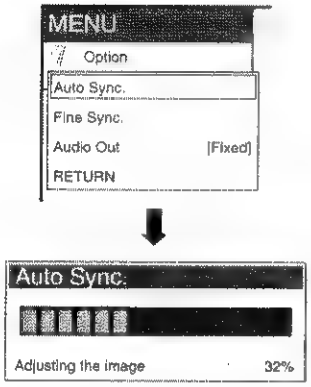
1. Press **MENU**.
2. Press ▲/▼ to select "Option", and then press **ENTER**.
3. Press ▲/▼ to select "Position", and then press **ENTER**.
4. Press ▲/▼ to select "H-Pos." or "V-Pos.".
5. Press ◀/▶ to adjust the item to your desired position.
6. Press **MENU** to exit the menu.

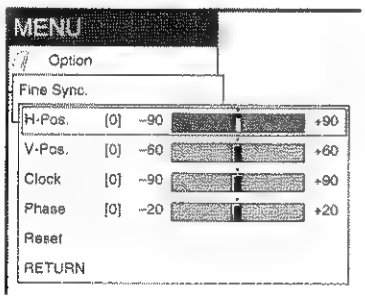
NOTE

- For resetting all adjustment items set to the factory preset values,
  ① Press ▲/▼ to select "Reset", and then press **ENTER**.
  ② Press ▲/▼ to select "Yes", and then press **ENTER**.
- Return to the previous menu by pressing .
- **Adjustments are stored separately according to input source.**
- You can easily move the image position as shown on page 21, but when the power is switched off the image will return to the previously memorised position.

Selected item	Description
H-Pos.	Centres the image by moving it to the left or right.
V-Pos.	Centres the image by moving it up or down.







Auto Sync. adjustment (PC mode only)

For automatically adjusting the computer image.

1 Press **MENU**.

2 Press ▲/▼ to select "Option", and then press **ENTER**.

3 Press ▲/▼ to select "Auto Sync.", and then press **ENTER**.

- Auto Sync. starts and "Adjusting the image." displays.

NOTE

- Return to the previous menu by pressing ↶.
- When Auto Sync. is successful, "Auto Sync completed successfully" displays. If not, Auto Sync. failed.
- Auto Sync. may fail even if "Auto Sync completed successfully" displays.
- Auto Sync. may fail with a PC image composed of similar patterns or monochrome. If not successful, change the PC image and try again.
- Be sure to connect the computer to the Media Receiver and switch it on before starting Auto Sync.

Fine Sync. adjustment (PC mode only)

Ordinarily you can easily adjust the picture as necessary to change image position using Auto Sync. In some cases, however, manual adjustment is needed to optimise the image.

1 Press **MENU**.

2 Press ▲/▼ to select "Option", and then press **ENTER**.

3 Press ▲/▼ to select "Fine Sync.", and then press **ENTER**.

4 Press ▲/▼ to select the specific adjustment item.

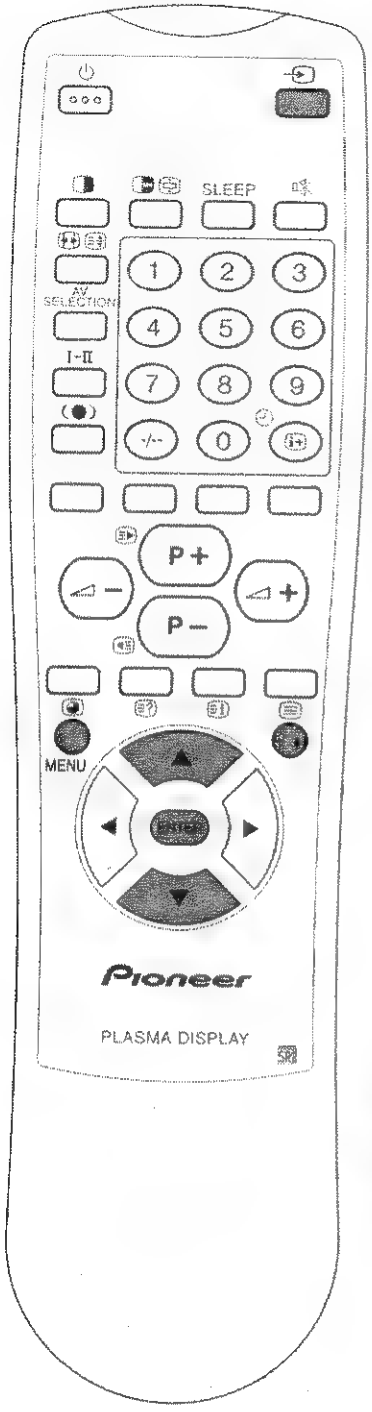
5 Press ◀/▶ to adjust the item to your desired position.

6 Press **MENU** to exit the menu.

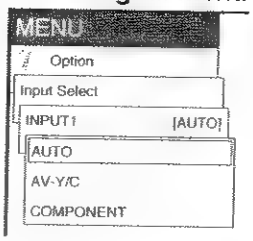
NOTE

- When all adjustments set to factory preset values,
  ① Press ▲/▼ to select "Reset", and then press **ENTER**.
  ② Press ▲/▼ to select "Yes", and then press **ENTER**.
- Return to the previous menu by pressing ↶.

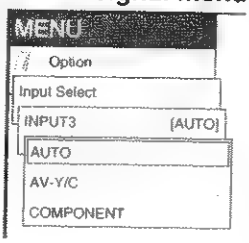
Selected item	Description
H-Pos.	Centres the image by moving it to the left or right.
V-Pos.	Centres the image by moving it to the up or down.
Clock	Adjusts the clock frequency.
Phase	Adjusts the clock phase.

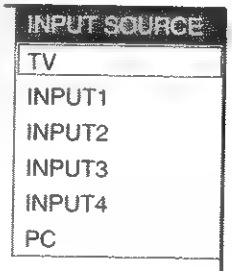


INPUT 1 signal menu



INPUT 3 signal menu





Input signal source

Input signal setting

For setting the signal type of external equipment.

1. Press **MENU**.
2. Press ▲/▼ to select "Option", and then press **ENTER**.
3. Press ▲/▼ to select "Input Select", and then press **ENTER**.
4. Press ▲/▼ to select an input source you want to set, and then press **ENTER**.
5. Press ▲/▼ to select a signal type, and then press **ENTER**.
   - If the selected signal type is incorrect, an image does not display or no colour image displays.
6. Press **MENU** to exit the menu.

NOTE

- Return to the previous menu by pressing ↶.
- The System automatically sets input signals from "INPUT2", "INPUT4" and "PC".
- **If no image displays, try to change the signal type.**
- Check the operation manual of the external equipment for the signal type.
- Setting INPUT 1 and INPUT 3 signal selection to "AUTO" when other equipment is connected will result in the following connectivity priority.

INPUT 1	INPUT 3
1. COMPONENT VIDEO	1. COMPONENT VIDEO
2. S-VIDEO	2. S-VIDEO
3. VIDEO	3. VIDEO

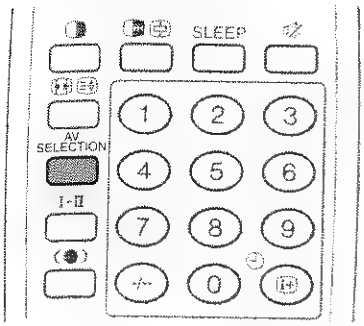
Input selection

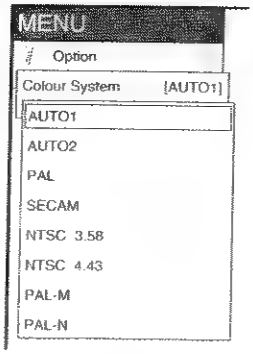
Can use for selecting the input source.

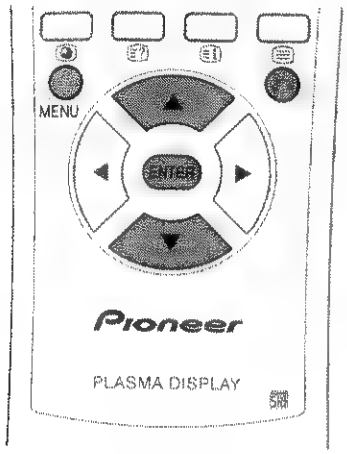
1. Press ⏎ on the remote control unit or **INPUT** on the Plasma Display.
   - INPUT SOURCE menu displays.
2. Hold down ⏎ on the remote control unit or **INPUT** on the Plasma Display to select the input source.
   - An image from the selected source automatically displays.
   - You can also select the input source by pressing ▲/▼.

NOTE

- Items grayed out are not selectable.







Colour system setting (AV mode only)

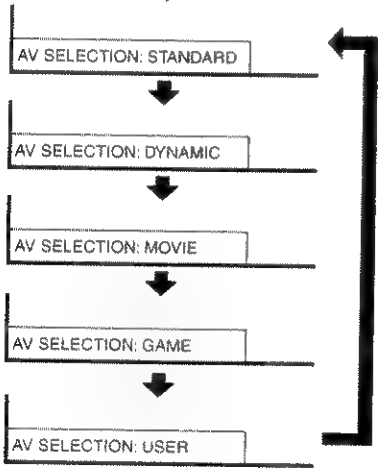
You can change the colour system to one that is compatible with the image on the screen.

1 Press **MENU**.
2 Press ▲/▼ to select "Option", and then press **ENTER**.
3 Press ▲/▼ to select "Colour System", and then press **ENTER**.
4 Press ▲/▼ to select a compatible video signal system of your equipment, and then press **ENTER**.
5 Press **MENU** to exit the menu.

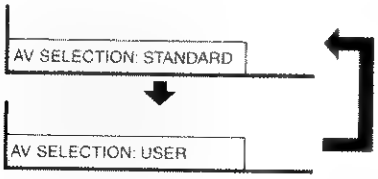
NOTE

- Factory preset value is "AUTO1".
- If "AUTO1" or "AUTO2" is selected, colour systems for each channel are automatically set. If an image does not display clearly, select another colour system.
  - •AUTO1: Select the colour system for PAL, PAL-60, NTSC3.58/ 4.43, SECAM automatically.
  - •AUTO2: Select the colour system for NTSC3.58, PAL-M, PAL-N automatically.
- Return to the previous menu by pressing ↶.

Mode selection for the TV, INPUT 1 to 4 terminals



Mode selection for the PC terminal



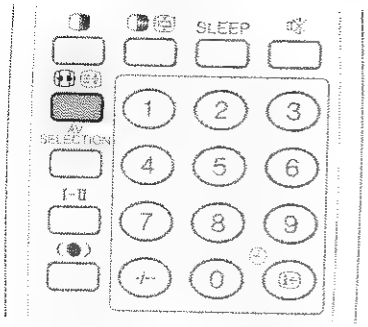
AV SELECTION

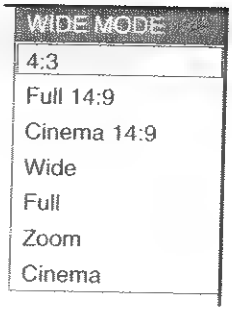
AV SELECTION gives you five viewing options to choose from to best match the Plasma Display System environment, which can vary due to factors like room brightness, type of programme watched or the type of image input from external equipment.

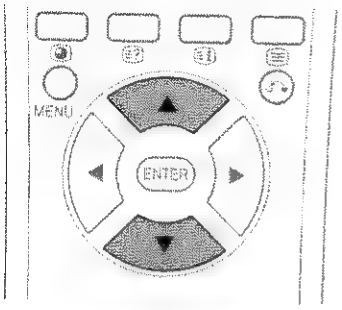
1 Press **AV SELECTION**.
- Present AV SELECTION mode displays.

2 Press **AV SELECTION** again before the mode displayed on the screen disappears.
- The mode changes as shown left.

Selected item	Description
STANDARD	For a highly defined image in a normally bright room
DYNAMIC	For a clear-cut image emphasising high contrast for sports viewing.
MOVIE	For a movie
GAME	Lowers image brightness for easier viewing
USER	Allows the user to customise settings as desired. You can set the mode for each input source.







WIDE mode (for AV mode)

Manual Selection

1 Press ⊞.

- The WIDE MODE menu displays.
- The menu lists the WIDE MODE options selectable for the type of video signal currently received.

2 Press ⊞ or ▲/▼ while the WIDE MODE menu is still on the screen.

- You can sequentially select a Wide Mode that has its own aspect ratio.

Auto Selection

If you set "WSS" and "4:3 Mode" in the Option menu on page 50, the optimum screen mode is automatically chosen for every broadcast containing the WSS information.

"WSS" menu

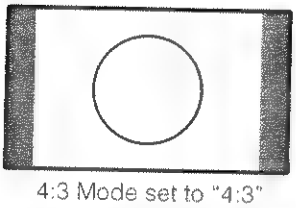
To enable Auto Selection, set "WSS" in the Option menu to "On". (See page 50.)

"4:3 Mode" menu

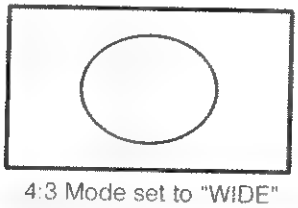
To set the type of the wide screen, select "4:3" or "Wide" in the 4:3 Mode menu. (See page 50.)

NOTE

- If the broadcast signal contains no WSS information, Auto Selection will not function even when the WSS option is enabled.

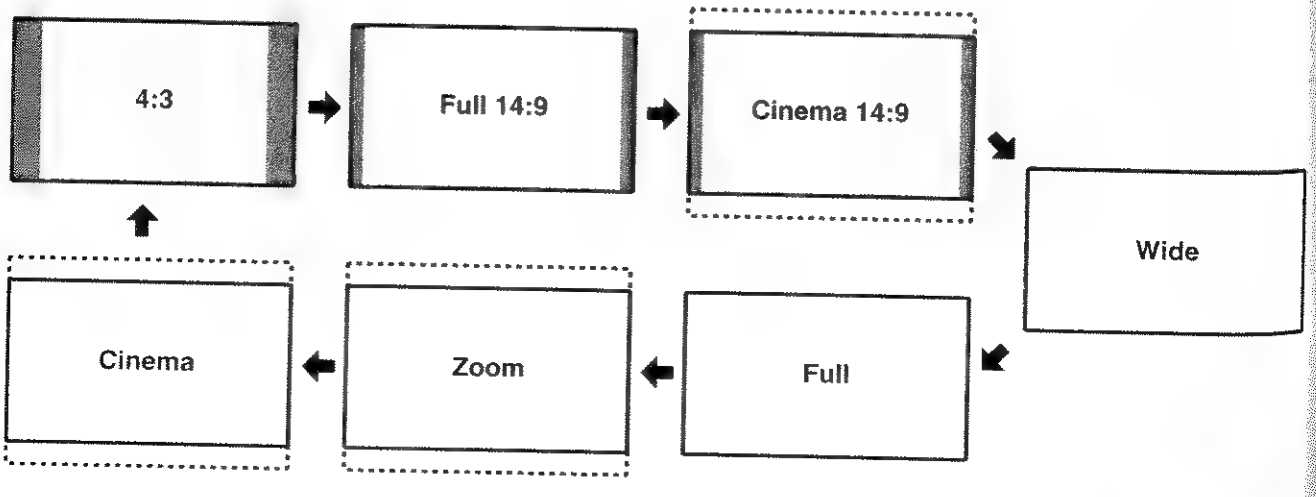


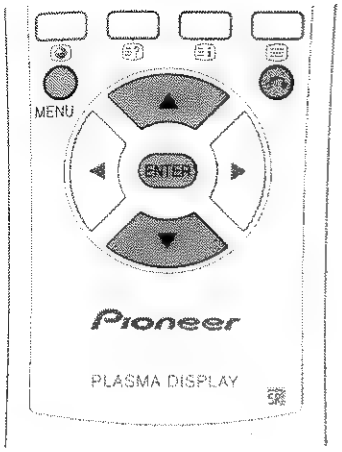
4:3 Mode set to "4:3"

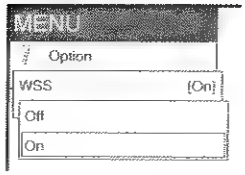


4:3 Mode set to "WIDE"

Selected item	Description
4:3	For 4:3 "standard" pictures. A side bar appears on each side.
Full 14:9	For 14:9 squeeze pictures. A thin side bar appears on each side.
Cinema 14:9	For 14:9 letterbox pictures. A thin side bar appears on each side, and you may also see bars on the top and bottom with some programs.
Wide	In this mode the picture is progressively stretched toward each side of the screen.
Full	For 16:9 squeeze pictures.
Zoom	For 16:9 letterbox pictures. Bars may appear on the top and bottom with some programs.
Cinema	For 14:9 letterbox pictures. Bars may appear on the top and bottom on some programs.







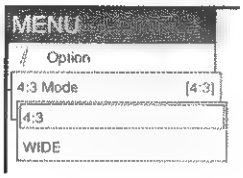
Wide screen signalling (WSS) (AV mode only)

WSS allows a television to switch automatically among the different screen formats.

1. Press **MENU**.
2. Press ▲/▼ to select "Option", and then press **ENTER**.
3. Press ▲/▼ to select "WSS", and then press **ENTER**.
4. Press ▲/▼ to select "Off" or "On", and then press **ENTER**.
5. Press **MENU** to exit the menu.

NOTE

- Return to the previous menu by pressing ↶.
- Try to set WIDE mode if an image does not switch to the correct screen format. When the broadcast signal contains no WSS information, the function will not work even if enabled. See page 49.



Picture aspect ratio (AV mode only)

Allows you to select the aspect ratio of a video signal for standard 4:3 or full screen images.

1. Press **MENU**.
2. Press ▲/▼ to select "Option", and then press **ENTER**.
3. Press ▲/▼ to select "4:3 Mode", and then press **ENTER**.
4. Press ▲/▼ to select "4:3" or "WIDE", and then press **ENTER**.
5. Press **MENU** to exit the menu.

NOTE

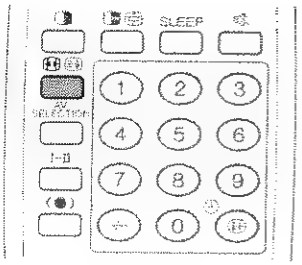
- Return to the previous menu by pressing ↶.
- Try to set WIDE mode if an image does not switch to the correct screen format. When the broadcast signal contains no WSS information, the function will not work even if enabled. See page 49.

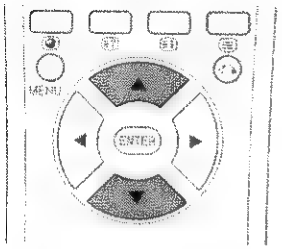
WSS signal 4:3 screen

4:3 mode "4:3"

4:3 mode "WIDE"

Selected item	Description
4:3	Normal range keeping 4:3 or 16:9 aspect ratio
WIDE	Wide image without sidebars





WIDE mode (for PC mode)

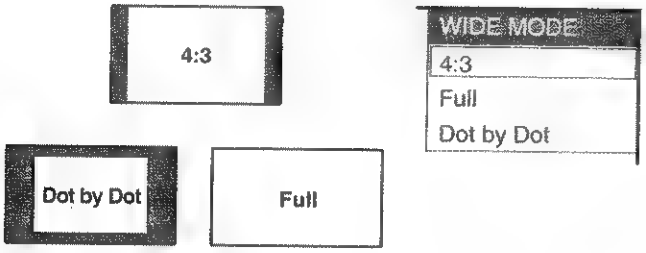
1 Press ⊞.

- The WIDE MODE menu displays.
- The menu lists the WIDE MODE options selectable for the type of video signal currently received.

2 Press ⊞ or ▲/▼ while the WIDE MODE menu is still on the screen.

- You can sequentially select a Wide Mode that has its own aspect ratio.

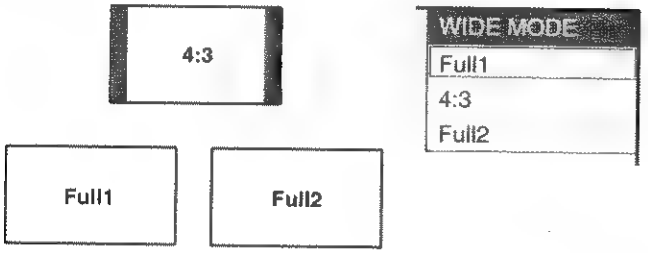
PC mode except for XGA signal



PC mode except for XGA signal

Selected item	Description
4:3	Fills the screen without altering the input signal aspect ratio.
Full	Full 16:9 screen display.
Dot by Dot	Matches input signal with same number of screen pixels.

PC mode for XGA signal

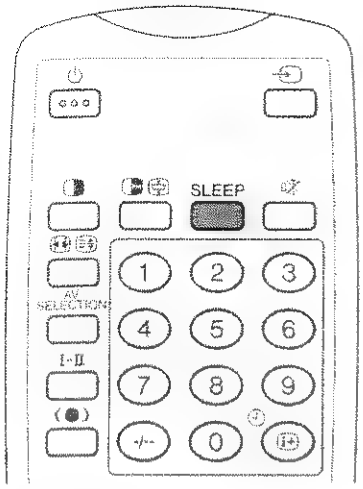


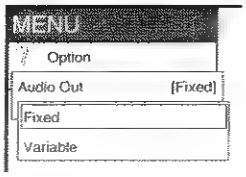
PC mode for XGA signal (Ex. 1024×768 input at PDP-503HDG)

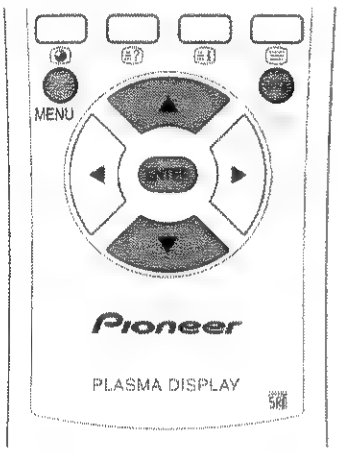
Selected item	Description
Full1	Full 16:9 screen display. Optimized for 1024×768 display.
4:3	Matches input signal with the same number of screen pixels. Optimized for 1024×768 display.
Full2	For wide signal display. Use when displaying 1280×768 signal resolution.

NOTE

- The PC mode above is for the PDP-503HDG. For the PDP-433HDG, the number of panel pixels is different, so signal processing and actual viewing conditions will vary slightly.







Audio out

Allows you to select what controls the audio output.

1 Press **MENU**.
2 Press ▲/▼ to select "Option", and then press **ENTER**.
3 Press ▲/▼ to select "Audio Out", and then press **ENTER**.
4 Press ▲/▼ to select "Fixed" or "Variable", and then press **ENTER**.
5 Press **MENU** to exit the menu.

NOTE
- Return to the previous menu by pressing ↶.

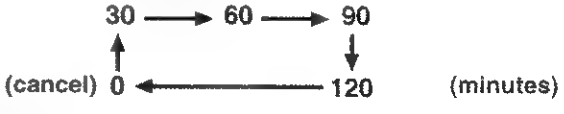
Selected item	Description
Fixed	• Sound via optional speakers is adjusted with ◿ +/− on the remote control unit or **VOLUME** ⋁/⋀ on the Plasma Display. • Sound via the MONITOR OUT terminal is not adjustable and constantly outputs.
Variable	• Sound via the MONITOR OUT terminal is adjusted with ◿ +/− on the remote control unit or **VOLUME** ⋁/⋀ on the Plasma Display. • Sound via optional speakers is muted.

Sleep timer

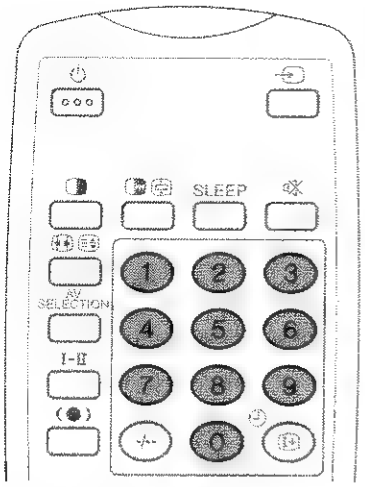
Allows you to set a time when the TV automatically switches to standby.

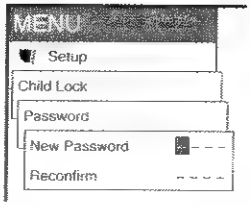
1 Press **SLEEP**.
- Remaining time displays when sleep timer has been set.

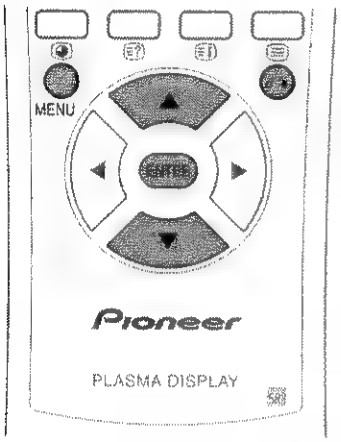
2 Each time you press **SLEEP**, the remaining time switches as shown below.
- When set the time automatically starts counting down.
- If you want to adjust the Sleep Timer, you can press "SLEEP" twice then change the time setting.
- Five minutes before time expires, the remaining time displays each minute.



NOTE
- Select "0" by pressing **SLEEP** to cancel the sleep timer.







Password setting for Child lock (AV mode only)

Allows you to use a password to protect certain settings from being accidentally changed.

Setting a password

1 Press **MENU**.

2 Press ▲/▼ to select "Setup", and then press **ENTER**.

3 Press ▲/▼ to select "Child Lock", and then press **ENTER**.

4 Press ▲/▼ to select "Password", and then press **ENTER**.

5 Enter the 4-digit number as a password using **0** – **9**.

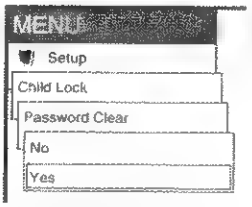
6 Enter the same 4-digit number as in step 5 to confirm.

- "New Password is registered." displays.

7 Press **MENU** to exit the menu.

NOTE

- Return to the previous menu by pressing ↩.
- To view a locked channel (Lock setting in Programme Setup "Manual" is set to "On"), you must enter a password. (See page 28.) When you select a locked channel, a password prompt message pops up. Press **ENTER** to display the password input window.



Clearing the password

Allows you to clear your password.

1 Press **MENU**.

2 Press ▲/▼ to select "Setup", and then press **ENTER**.

- Secret number input menu displays.

3 Enter your 4-digit password with **0** – **9**, and then press **ENTER**.

- Setup menu displays.

4 Press ▲/▼ to select "Child Lock", and then press **ENTER**.

5 Press ▲/▼ to select "Password Clear", and then press **ENTER**.

6 Press ▲/▼ to select "Yes", and the press **ENTER**.

- Your password is cleared.

7 Press **MENU** to exit the menu.

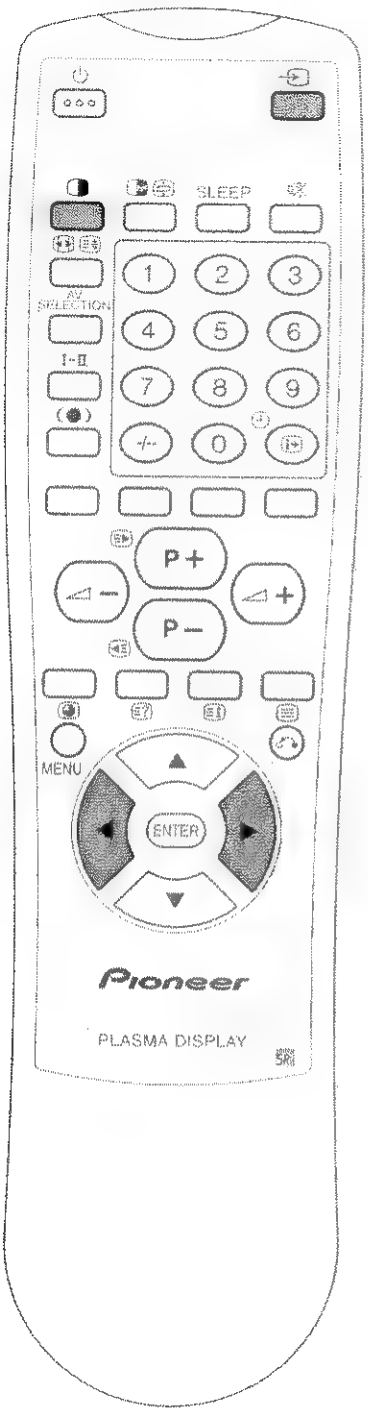
NOTE

- Return to the previous menu by pressing ↩.
- **As a precautionary measure, make a note of your password and keep it in a familiar place. If you lose or forget your password, initialise the Plasma Display System to return all settings except for the TV channel settings to factory preset values. (See page 61.)**

Useful features

Multiscreen functions

Allows you to display two pictures on the screen at one time.



Dual screen

You can display two same-sized pictures except when inputting from a PC INPUT terminal.

1 Press ◑.

- Dual screen displays and a selected input source image displays.

2 Press ◀/▶ to set either screen to be active.

- "♪" displays on the active screen, which has sound output.

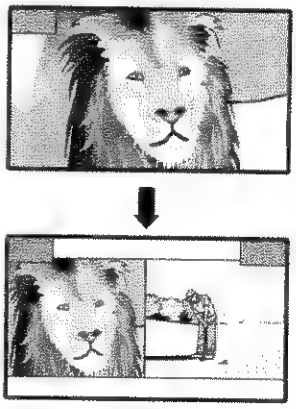
3 Press ⏎ to select another input source on the inactive screen.

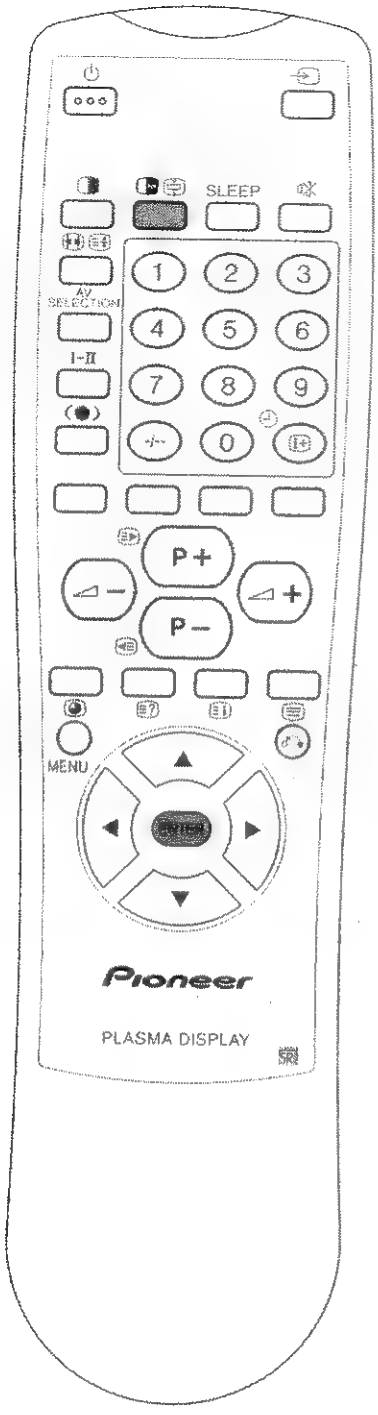
- A selected image displays.

4 Press ◑ to exit dual screen.

NOTE

- This function does not work under the following input conditions:
  ①PC INPUT mode,
  ②Two pictures from the same source (e.g. INPUT 1 and INPUT 1),
  ③Images from a high frequency signal source,
  ④Two pictures with different vertical frequency (e.g. PAL and PAL-60).
- When this function is not available, "No dual screen display available" will display.





Picture and still image

You can display two same-sized pictures when inputting from a AV source.

1 Press .

- A moving image displays on the left screen and a still image displays on the right screen. The still image is one frame captured from a moving image at the moment you press .

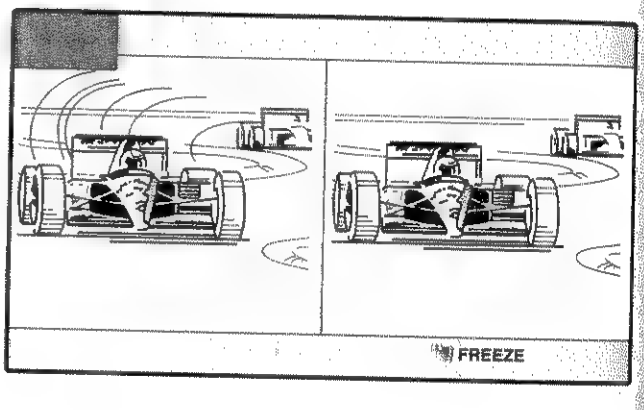
2 Update the still image by pressing **ENTER**.

- Each time you press **ENTER**, the image on the right screen updates.

3 Press to exit still image.

NOTE

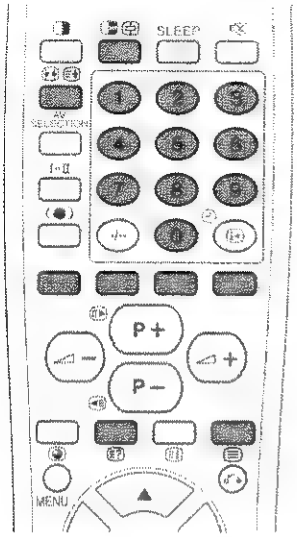
- This function does not work under the following input conditions:
  ①PC INPUT mode,
  ②Images from a high frequency signal source.
- When this function is not available, "No still image display available." will display.

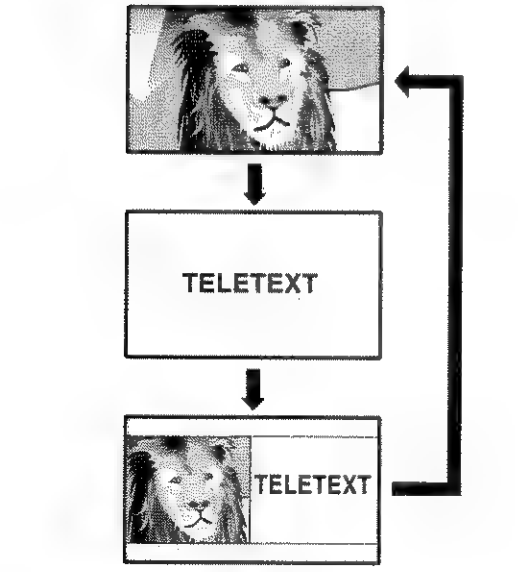


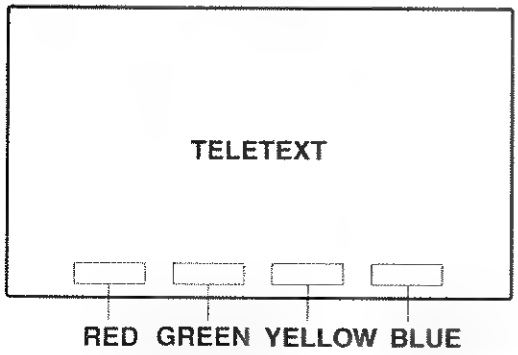
Teletext function

What is Teletext?

Teletext broadcasts pages of information and entertainment to specially equipped television sets. Your Plasma Display System receives Teletext signals broadcast by a TV networks, and decodes them into graphical format for viewing. News, weather and sports information, stock exchange prices and programme previews are among the many services available.







Teletext mode

Teletext is turned on/off with ☰ on the remote control unit. You can operate your Plasma Display System in Teletext mode directly by inputting commands with the remote control unit.

NOTE

- You can select the Language setting at Teletext mode. (See page 31.)

Turning on and off Teletext

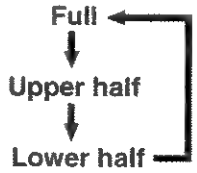
1. Select a TV channel or external input source providing the Teletext programme.
2. Press ☰ to display the Teletext.
3. Press ☰ again to display the Teletext on the right screen and normal image on the left screen.
   - Each time you press ☰, the screen switches as shown left.
   - If you select a programme with no Teletext signal, "No Teletext available." displays.

Button functions

Colour (RED/GREEN/YELLOW/BLUE):
You can select a group or block of pages displayed in the coloured brackets at the bottom of the screen by pressing the corresponding **Colour (RED/GREEN/YELLOW/BLUE)** on the remote control unit.

0 – 9:
Directly select any page from 100 to 899 by using **0 – 9**.

☰:
Each time you press ☰, the TELETEXT image switches as shown below.

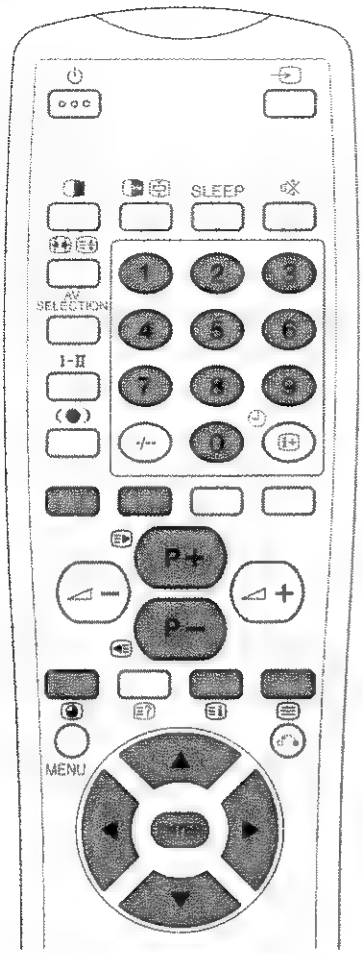


?:
To reveal hidden information such as an answer to a quiz, press ?.

- Press ? again to hide the information.

⏸:
To stop updating Teletext pages automatically, press ⏸.

- Press ⏸ again to release the hold mode.



Displaying Subpages

You can display several subpages as they are transmitted.

1 Press ☰ to display Teletext.

2 Press ◕ to display the subpage as shown left.

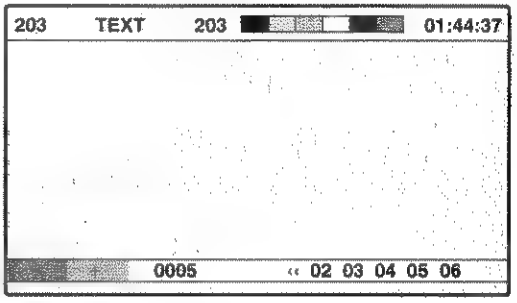
3 Select the desired subpage by using ◀/▶/**RED**/**GREEN**.

- **0 – 9** directly selects the desired subpage.

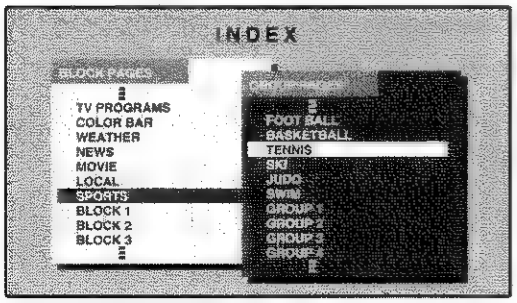
4 Press ◕ to exit the subpage screen.

- If you press ▤/▤ (**P+**/**P−**), the present page will change to the next/previous page and simultaneously exit the subpage screen.

Subpage screen



TOP Overview screen



Displaying TOP Overview

When receiving TOP Teletext, you can read a TOP text overview.

1 Press ☰ to display Teletext.

2 Press ▤ to display the TOP Overview as shown left.

3 Select the desired block or group by using ▲/▼/◀/▶.

4 Press **ENTER** to display the selected block or group pages.

5 Press ▤ to exit the TOP Overview screen.

Appendix

Troubleshooting

Problem	Possible Solution
• No power.	• Make sure the Plasma Display and the Media Receiver are connected correctly. (See page 7.) • Check if you pressed ⏻ on the remote control unit. (See page 14.) If the indicator on the Plasma Display lights up red, press **0 – 9**. • Is the power cord disconnected? (See page 13.) • Has the main power been turned on? (See page 14.)
• Unit cannot be operated.	• External influences such as lightning, static electricity, etc., may cause improper operation. In this case, operate the unit after first turning the power of the Plasma Display and the Media Receiver, or unplugging the power cord and re-plugging it in after 1 or 2 minutes.
• Remote control unit does not operate.	• Are batteries inserted with polarity (+, –) aligned? (See page 9.) • Are batteries worn out? (Replace with new batteries.) • Are you using it under strong or fluorescent lighting? • Is a fluorescent light illuminated to remote control sensor?
• Picture is cut off.	• Is the image position correct? (See pages 21 and 45.) • Are screen mode adjustments such as picture size made correctly? (See pages 49 to 51.)
• Strange colour, light colour, or dark, or colour misalignment.	• Adjust the picture tone. (See pages 32 to 34.) • Is the room too bright? The picture may look dark in a room that is too bright. • Check the colour system setting. (See page 26 and 48.) • Check the input signal setting. (See page 47.)
• Power is suddenly turned off.	• Is the sleep timer set? (See page 52.) • Check the power control setting. (See pages 36 and 37.) • The unit's internal temperature has increased. Remove any objects blocking vent or clean. (See page 6.)
• No picture.	• Is connection to other components correct? (See pages 38 to 43.) • Has setup been done correctly after connection? (See page 47.) • Is the correct input selected? (See page 47.) • Is a non-compatible signal being input? (See page 59.) • Is picture adjustment correct? (See pages 32 to 34.)

Warning	Problem with Plasma Display System	Possible Solution
E01	• System cable connection	• System cables are not properly connected. Check that all system cables are connected properly. (See page 7.)
E04	• Abnormal internal temperature	• The internal temperature of the Plasma Display is abnormally high. Check the location the System is installed. (See page 6.)
E06	• Abnormal internal signaling or circuit operation of the Plasma Display	• Turn off the power once and turn it on again. (See page 14.)

Please check to see if a warning is displayed on the screen. If the problem still cannot be solved please consult the dealer where this unit was purchased.

Computer compatibility chart

Resolution	Frequency	Remarks
640×400	85 Hz	
720×400	70 Hz	
	85 Hz	
640×480	60 Hz	
	65 Hz	Macintosh 13″ (67 Hz)
	72 Hz	
	75 Hz	
	85 Hz	
800×600	56 Hz	
	60 Hz	
	72 Hz	
	75 Hz	
	85 Hz	
832×624	74.5 Hz	Macintosh 16″
1024×768	60 Hz	
	70 Hz	
	75 Hz	Macintosh 19″
	85 Hz	
1280×768	60 Hz	

Apple and Macintosh are registered trademarks of Apple Computer, Inc.
Microsoft is a registered trademark of Microsoft Corporation.
DDC is a registered trademark of Video Electronics Standards Association.
Power Management is a registered trademark of Sun Microsystems, Inc.
VGA and XGA are registered trademarks of International Business Machines Co., Inc.

Specifications

Item	50" Plasma Display, Model: PDP-503PG	43" Plasma Display, Model: PDP-433PG
Number of Pixels	1280 × 768 pixels	1024 × 768 pixels
Audio Amplifier	12 W + 12 W (10 % distortion)	12 W + 12 W (10 % distortion)
Power Requirement	AC 110–240 V, 50/60 Hz, 371 W (0.8 W Standby)	AC 110–240 V, 50/60 Hz, 319 W (0.8 W Standby)
Dimensions	1218 (W), 714 (H), 98 (D) mm	1070 (W), 630 (H), 98 (D) mm
Weight	38.9 kg	31.5 kg
Accessories	Cleaning Cloth, Three speed clamps, Three bead bands,	Cleaning Cloth, Three speed clamps, Three bead bands,

Item			Media Receiver, Model: PDP-R03G
Colour System			PAL/SECAM/NTSC 3.58/NTSC 4.43/PAL-60/PAL-M/PAL-N
TV Function	Receiving System		PAL: B/G, D/K, I, M/N SECAM: B/G, D/K NTSC3.58M NTSC4.43M
	Tuner	VHF/UHF	44.25–863.25MHz
		CATV	Hyper-band, S1–S41ch
	Auto Channel Preset		99 ch, Auto Preset, Auto Label, Auto Sort
	STEREO		NICAM/A2/BTSC System
Terminals	Rear	INPUT 1	AV in, S-VIDEO in, COMPONENT VIDEO in
		INPUT 2	AV in, S-VIDEO in
		INPUT 3	AV in, S-VIDEO in, COMPONENT VIDEO in
		Antenna	75 Ω Din Type for VHF/UHF in
	Front	INPUT 4	AV in, S-VIDEO
		PC	15 Pin mini D-Sub, Audio in
Monitor Out Terminal		Rear	Audio (Variable, Fixed), S-VIDEO out, VIDEO out
Power Requirement			AC 110–240 V, 50/60 Hz, 40 W (0.8 W Standby)
Dimensions			420 (W), 70 (H), 330 (D) mm
Weight			4.4 kg
Accessories			Remote control unit, Two AA size batteries, System Cable, Operating Instruction

• Design and specifications are subject to change without notice.

HOW TO SET THE FACTORY PRESETTINGS

Press and hold down **CLEAR** on the Media Receiver while it is in standby mode. Then press **STANDBY/ON** on the Plasma Display or **0 – 9** on the remote control unit to turn the Plasma Display System on.
All setting items (except TV channel) return to the factory presetting.

NOTE

- Running the factory presetting operation also clears the password.
- If the password setting screen displays, you need to enter your password.
- If you forget your password, refer to HOW TO SET THE FACTORY PRESETTINGS above.

The password is | | | | | .

NOTE

- As a precautionary measure, make a note of your password above, scissor it from this manual, and keep it in a familiar place.

*1 **SRS and the (●)° symbol are trademarks of SRS Labs, Inc.**
SRS technology is incorporated under license from SRS Labs, Inc.

*1 **FOCUS and the (●)° symbol are trademarks of SRS Labs, Inc.**
FOCUS technology is incorporated under license from SRS Labs, Inc.

NOTE

- Products above are a trademark or registered trademark of corporation.

About the plasma panel's protection function

The brightness of this display will deteriorate slightly when an image with little movement such as a photograph or computer image is continuously displayed. This is caused by the plasma panel's protection function which detects images with slight movement and automatically adjusts brightness to protect the display, and is not a malfunction. The screen-saver function begins operating when the display detects no or little screen movement for a period of about three minutes.

⚠ CAUTION

Panel sticking and after-image lag

- Displaying the same images such as still images for a long time may cause after-image lagging. This may occur in the following two cases.

1. After-image lagging due to remaining electrical load

When image patterns with very high peak luminance are displayed for more than 1 minute, after-image lagging may occur due to the remaining electric load. The after-images remaining on the screen will disappear when moving images are displayed. The time for the after-images to disappear depends on the luminance of the still images and the time they had been displayed.

2. After-image (lag image) due to burning

Avoid displaying the same image on the Plasma Display continuously over a long period of time. If the same image is displayed continuously for several hours, or for shorter periods of time over several days, a permanent after-image may remain on the screen due to burning of the fluorescent materials. Such images may become less noticeable if moving images are later displayed, but they will not disappear completely.

- The energy save function can be set to help prevent damage from screen burning (See page 36-37).

PIONEER CORPORATION 4-1, Meguro 1-Chome, Meguro-ku, Tokyo 153-8654, Japan
PIONEER ELECTRONICS (USA) INC. P.O. BOX 1540, Long Beach, California 90801-1540, U.S.A.
PIONEER ELECTRONICS OF CANADA, INC. 300 Allstate Parkway, Markham, Ontario L3R OP2, Canada
PIONEER EUROPE NV Haven 1087, Keetbergiaan 1, B-9120 Melsele, Belgium TEL: 03/570.05.11
PIONEER ELECTRONICS AUSTRALIA PTY. LTD. 178-184 Boundary Road, Braeside, Victoria 3195, Australia, TEL: [03] 9586-6300
PIONEER ELECTRONICS DE MEXICO S.A. DE C.V. San Lorenzo 1009 3er Piso Desp. 302 Col. Del Valle Mexico D.F. C.P. 03100 TEL: 52-55-5688-52-90

Printed in Japan/Impresso en Japão/Impreso en Japón/在日本印刷

TINS-7583CEZZ